

FIG. 1a

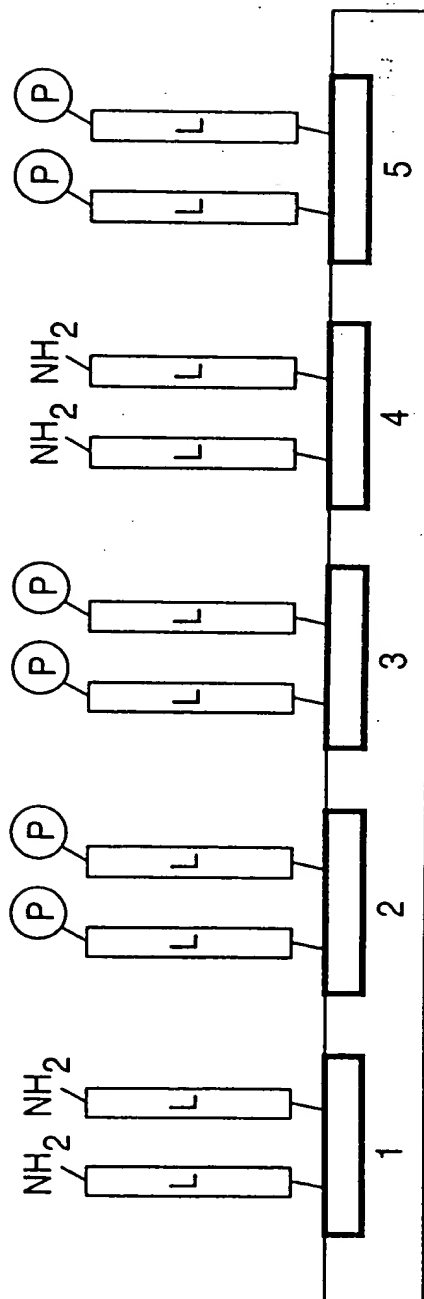
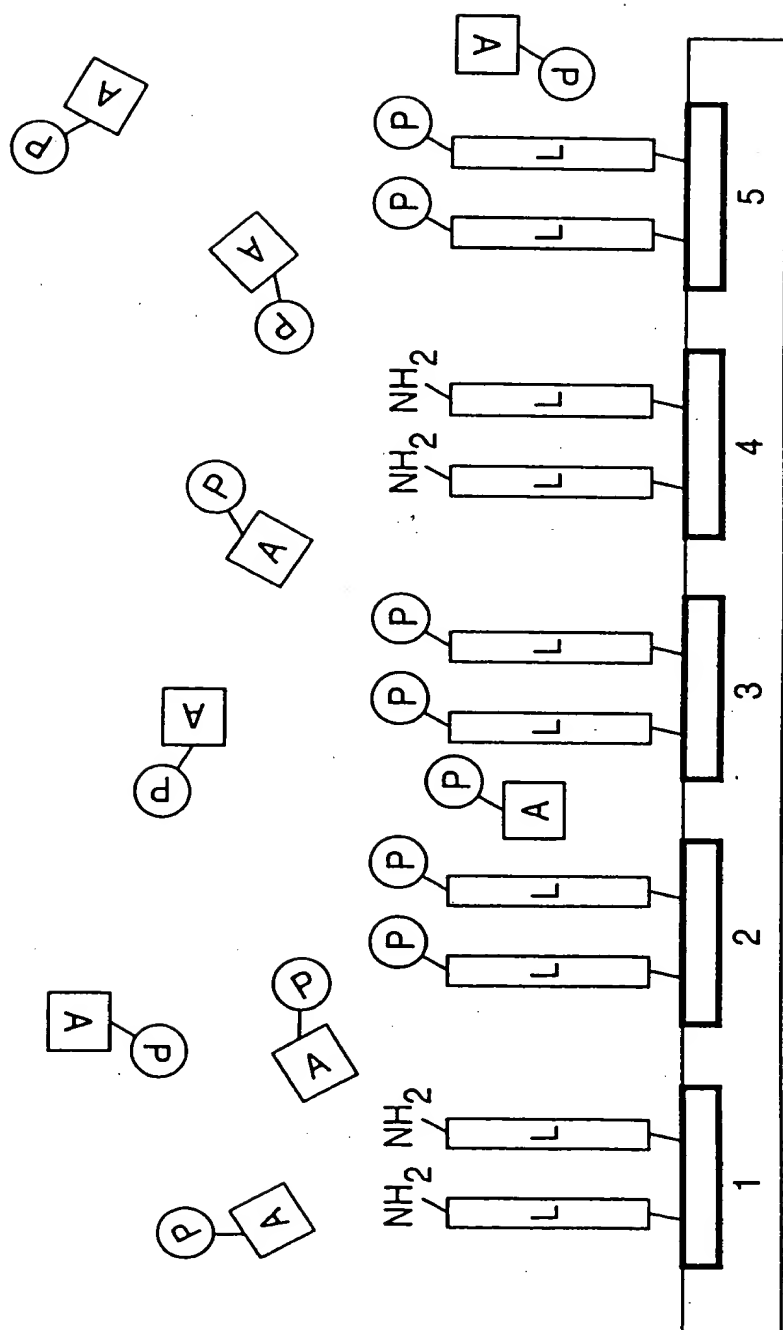


FIG. 1b



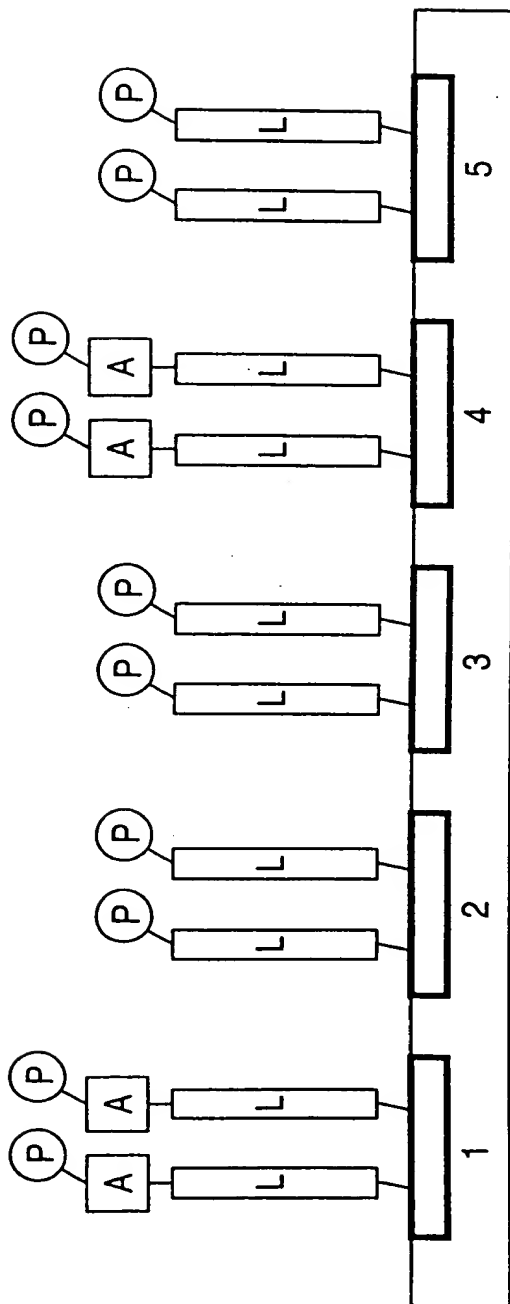


FIG. 2b

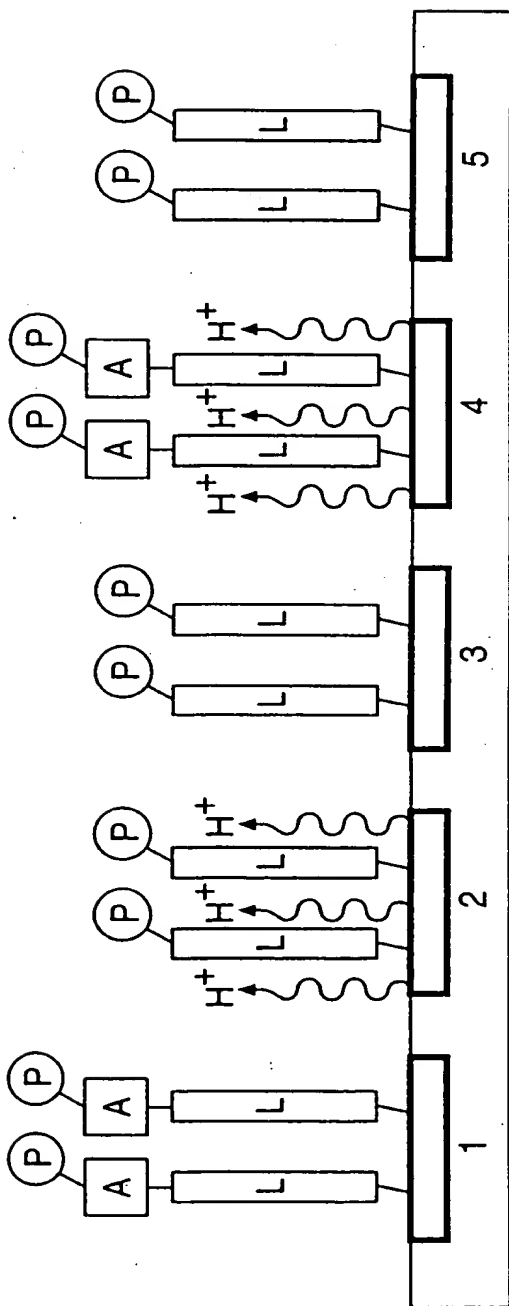


FIG. 3a

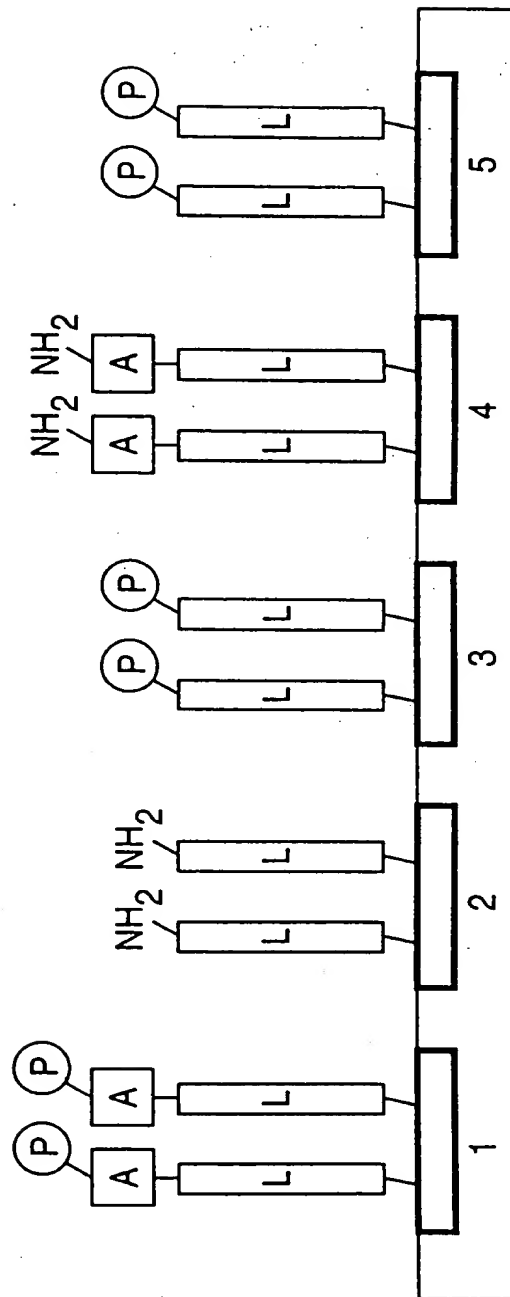
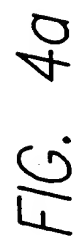


FIG. 3b



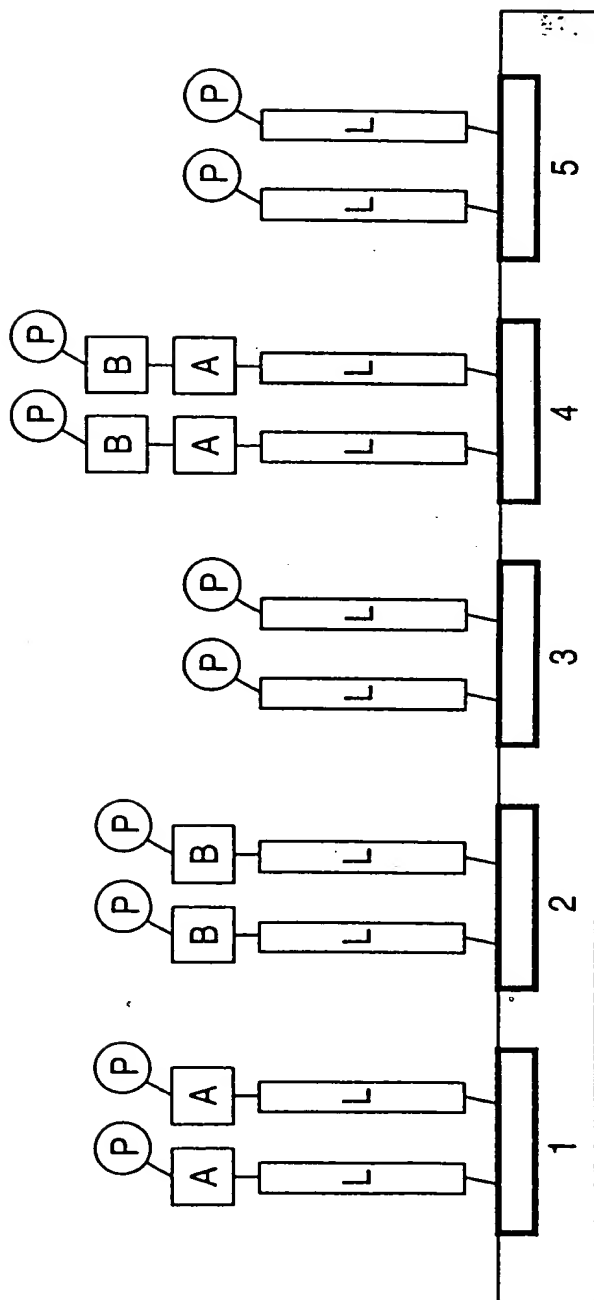


FIG. 4b

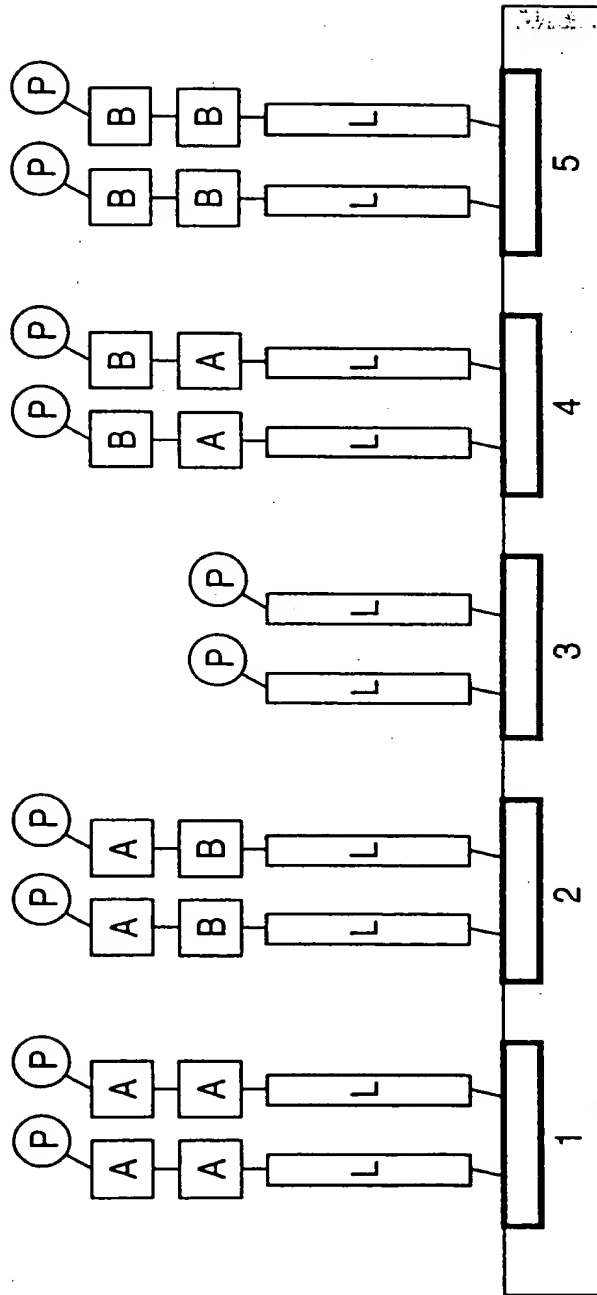


FIG. 5

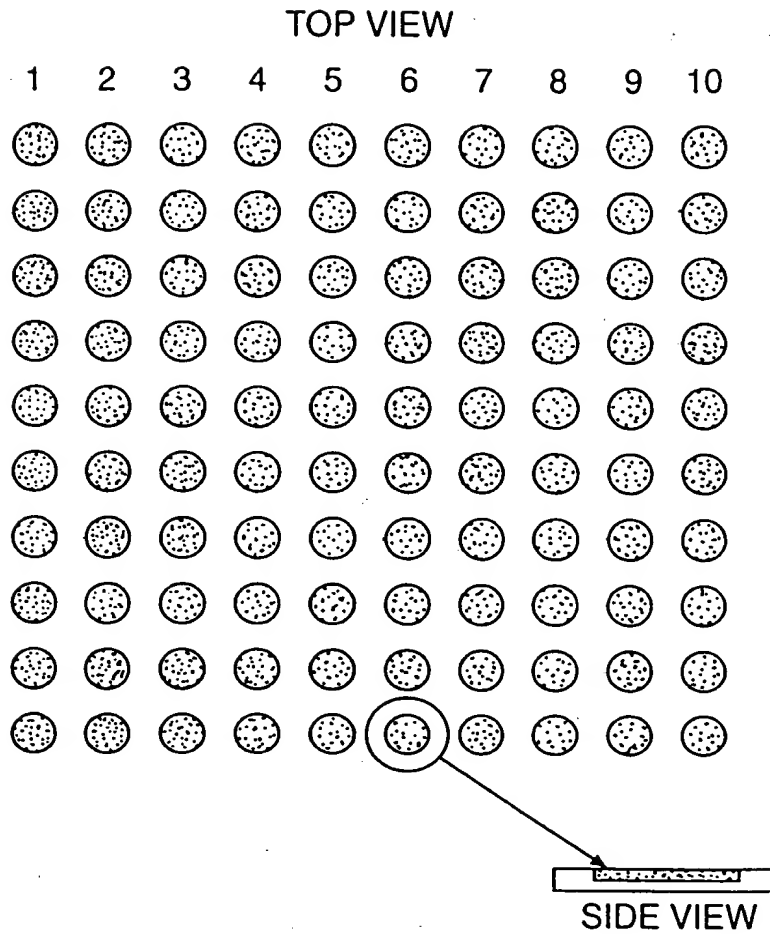


FIG. 6

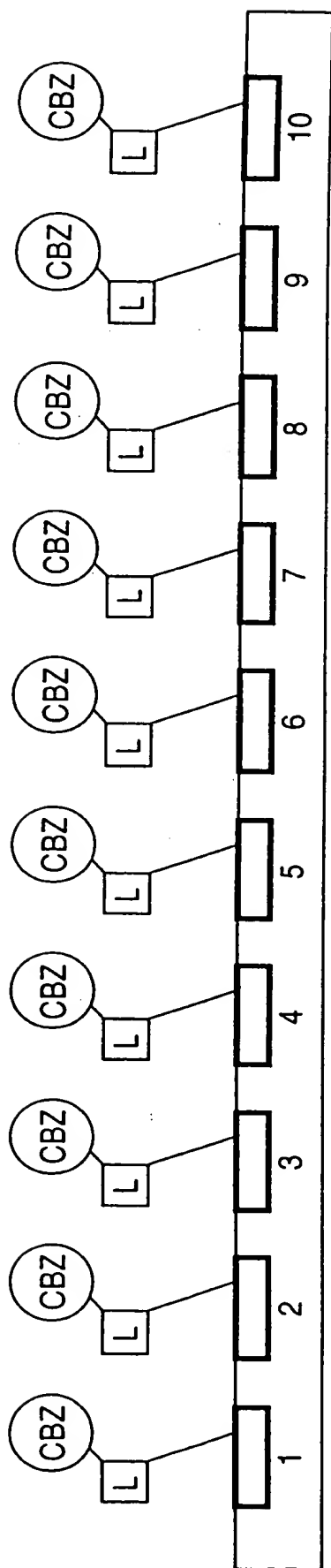


FIG. 7

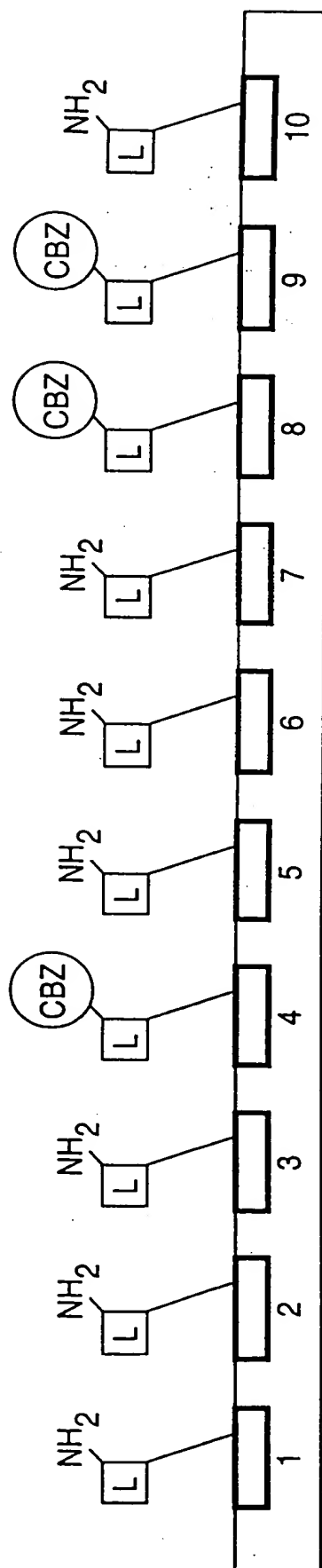


FIG. 8

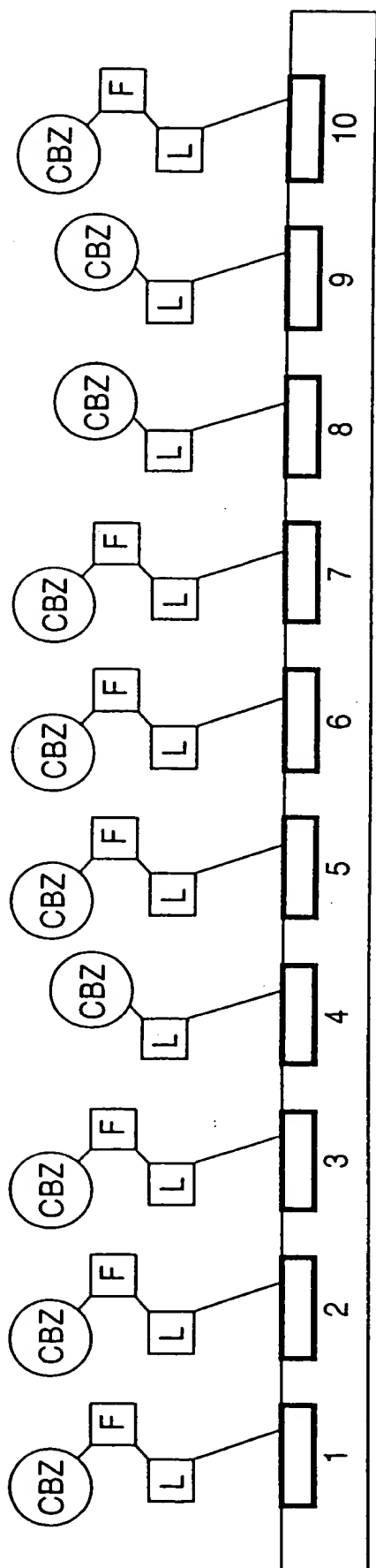


FIG. 9

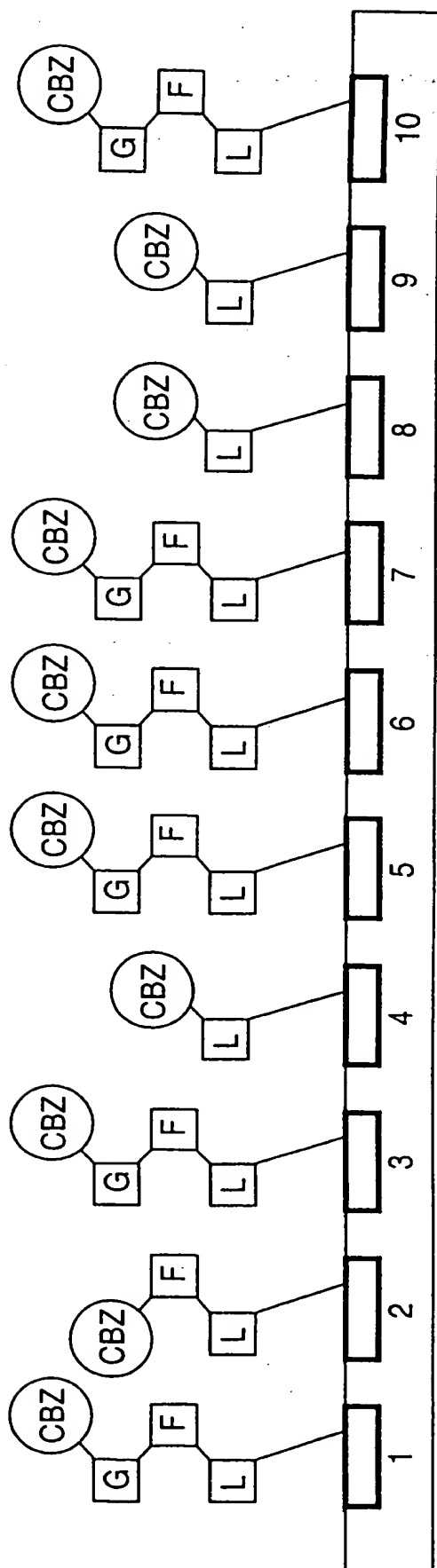


FIG. 10

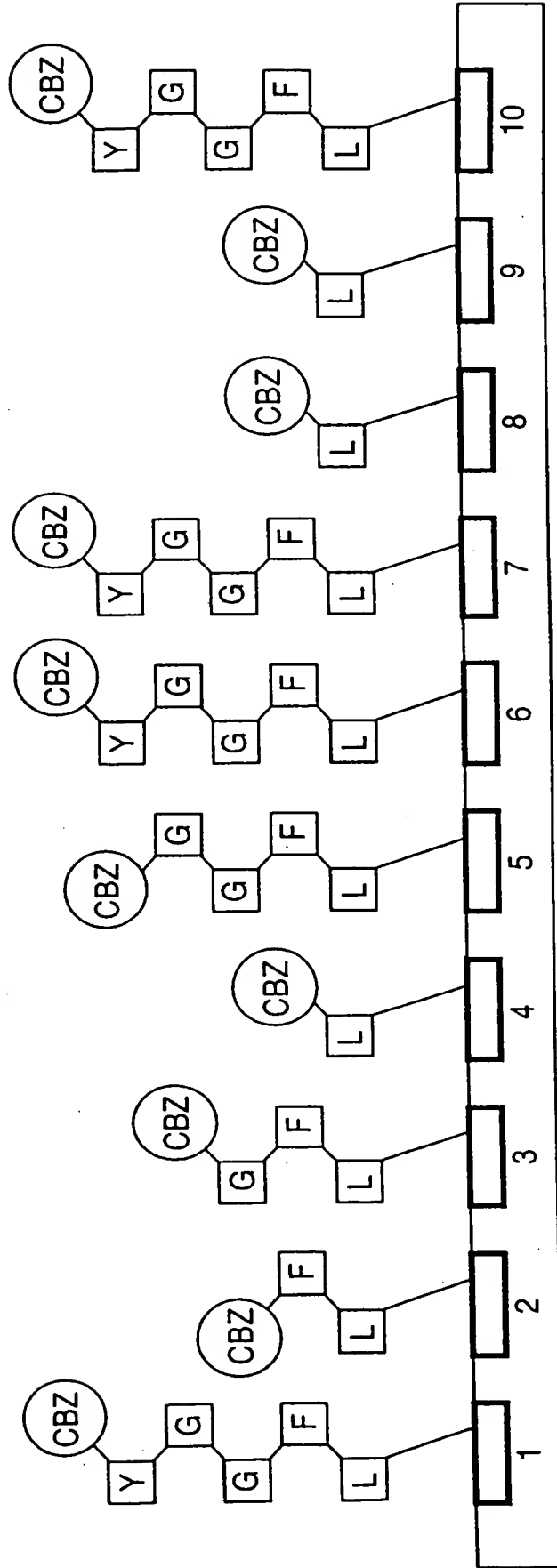


FIG. 11

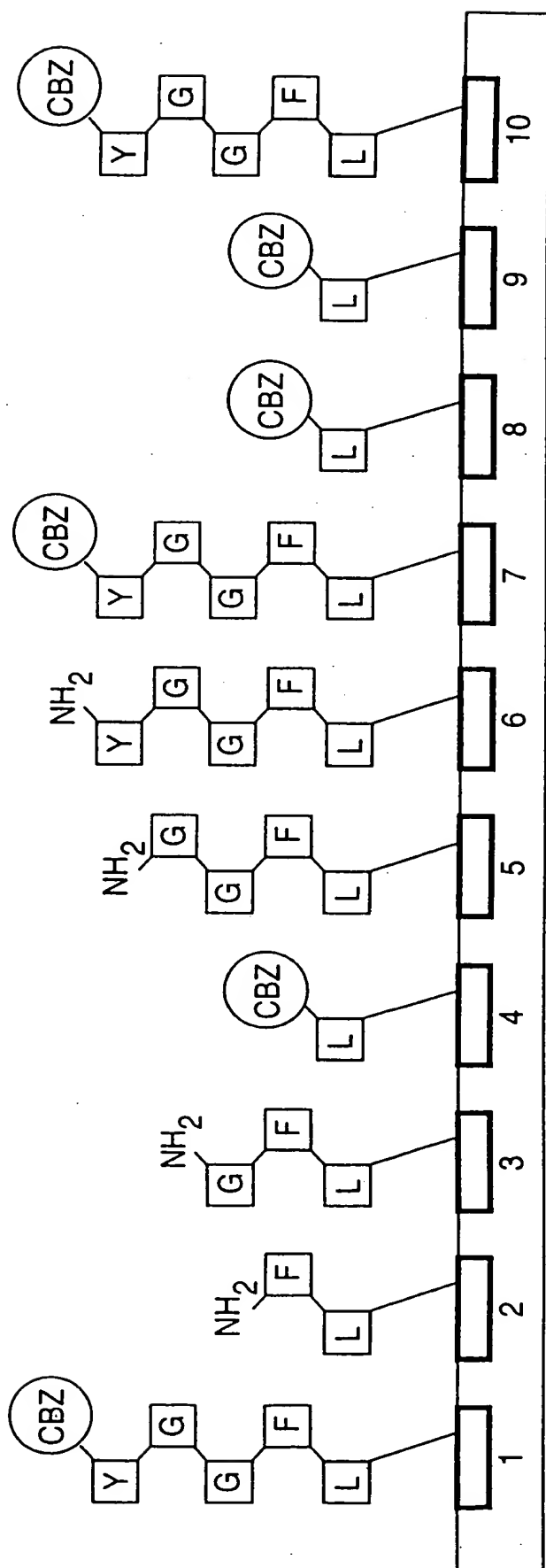


FIG. 12

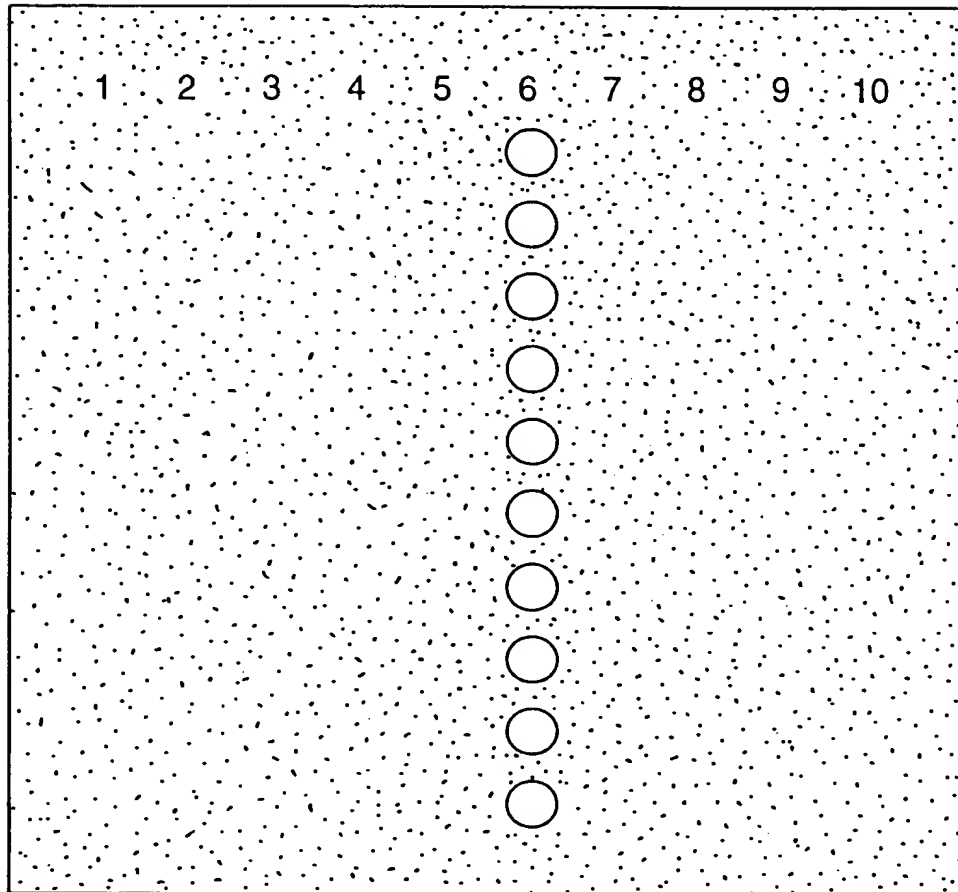


FIG. 13

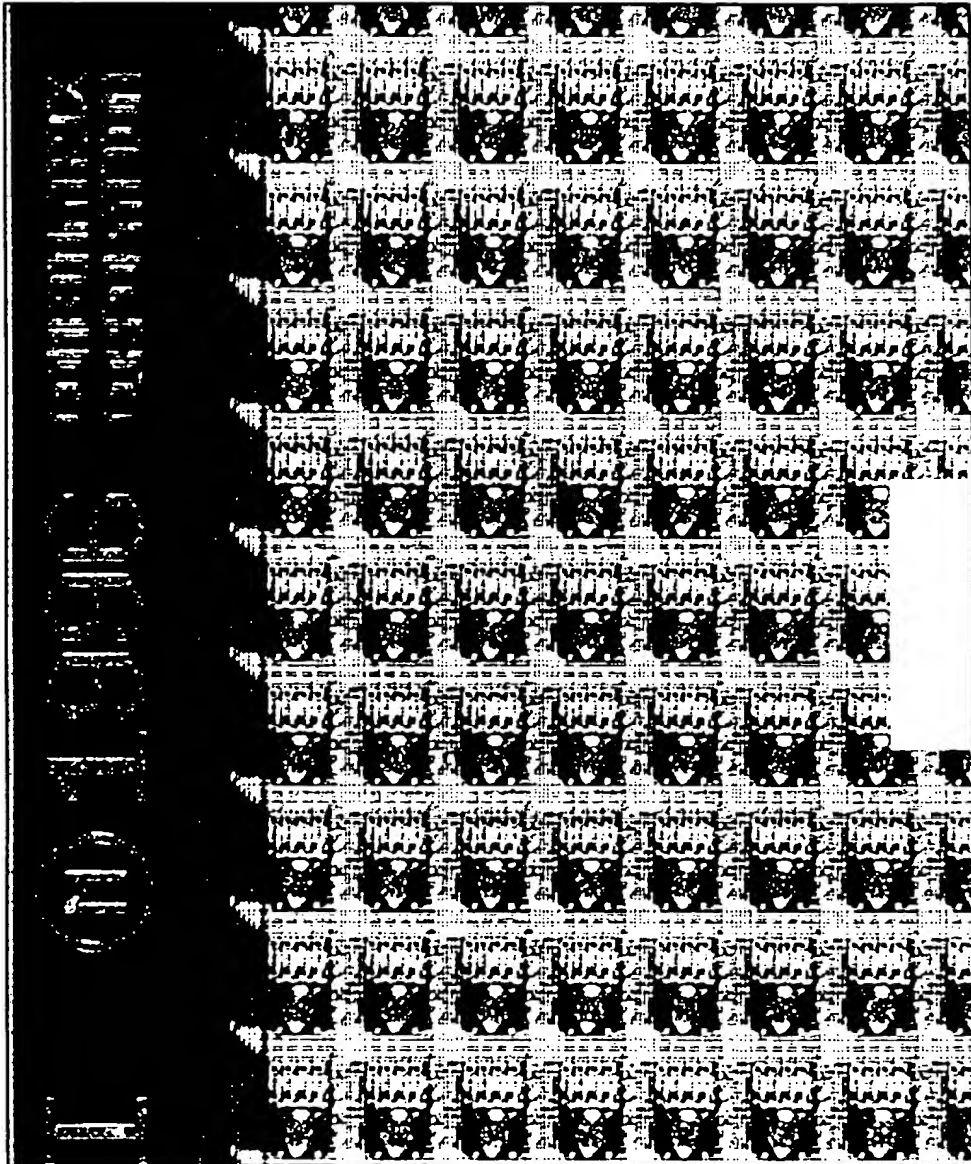


FIG. 14

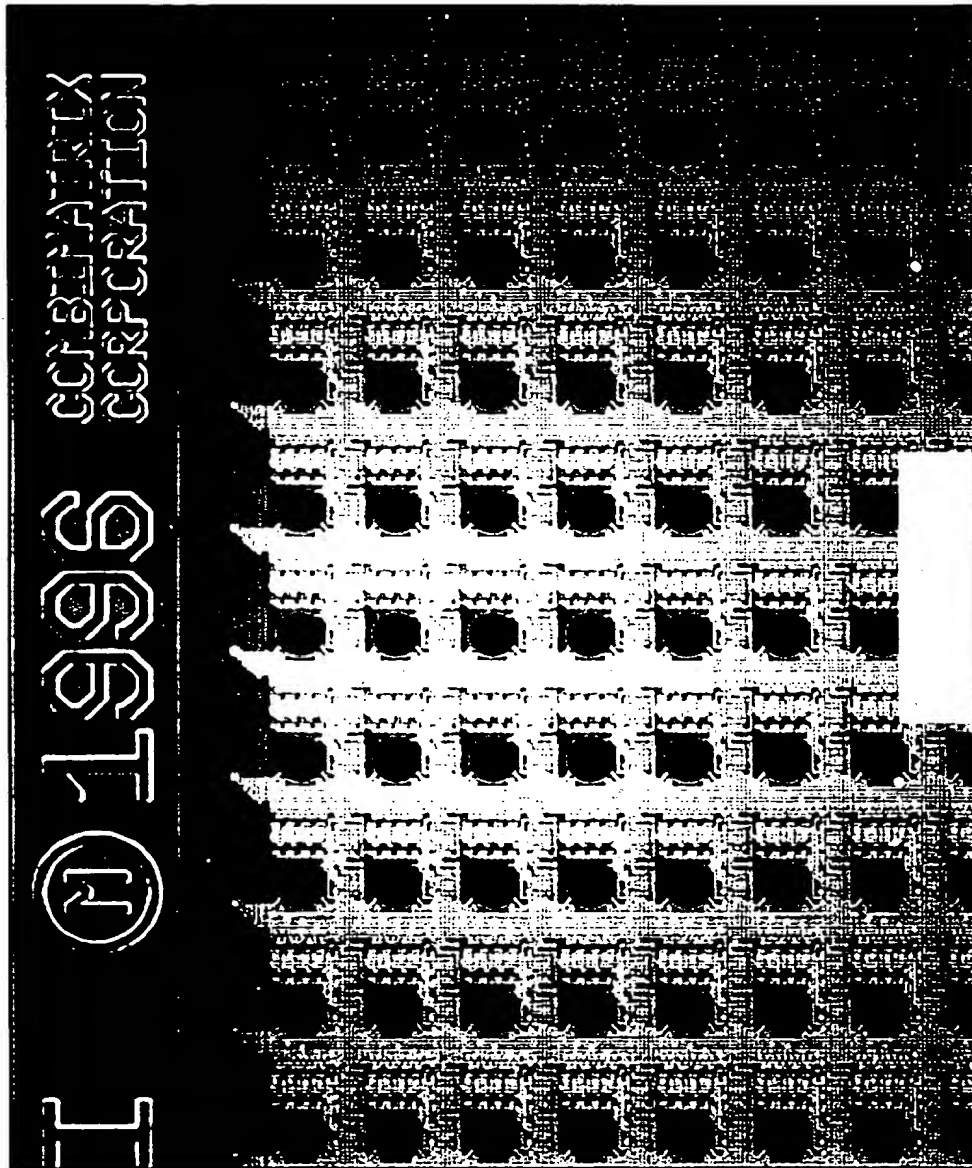


FIG. 15

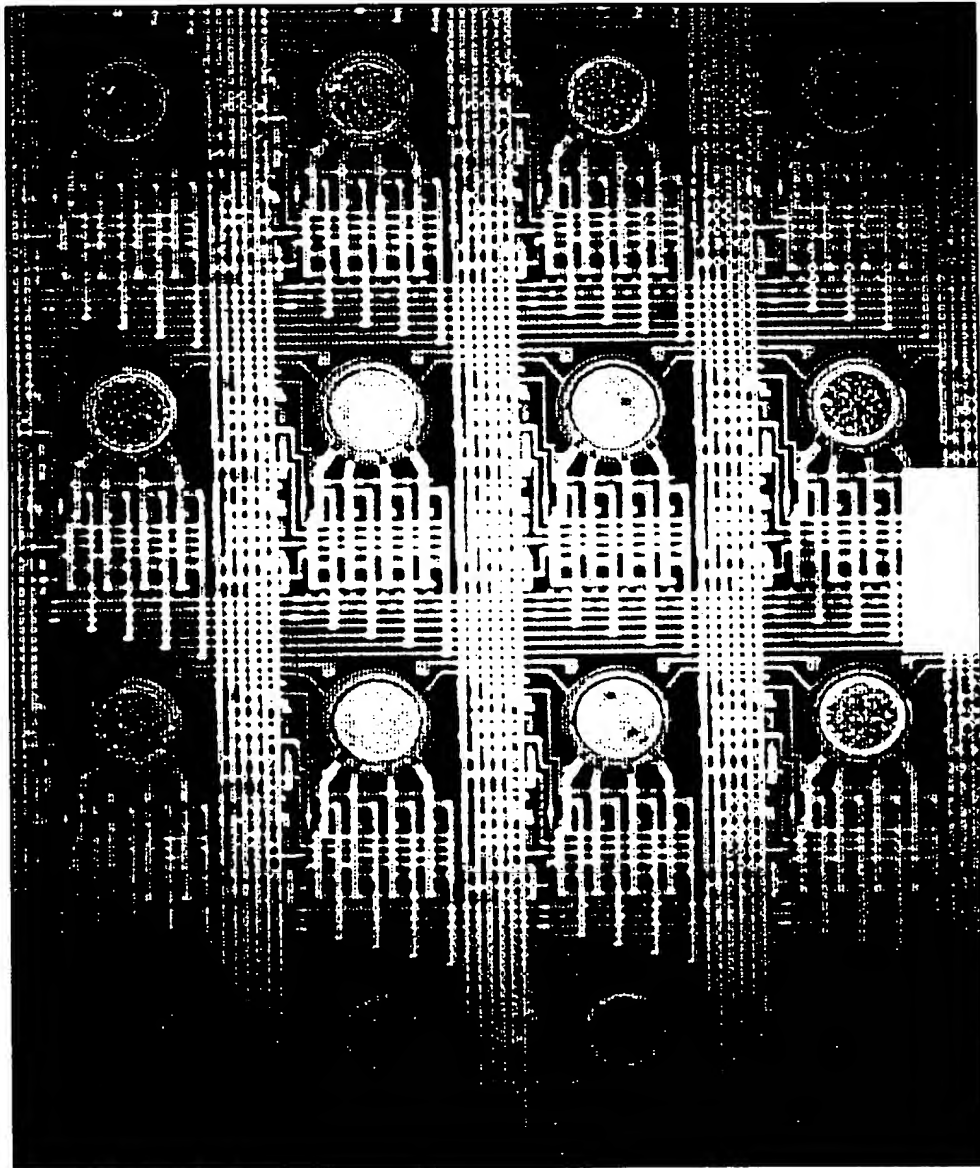


FIG. 16

CUT AWAY VIEW SHOWING WIRES
CONNECTING PGA PACKAGE
TO BOND PADS ON CHIP

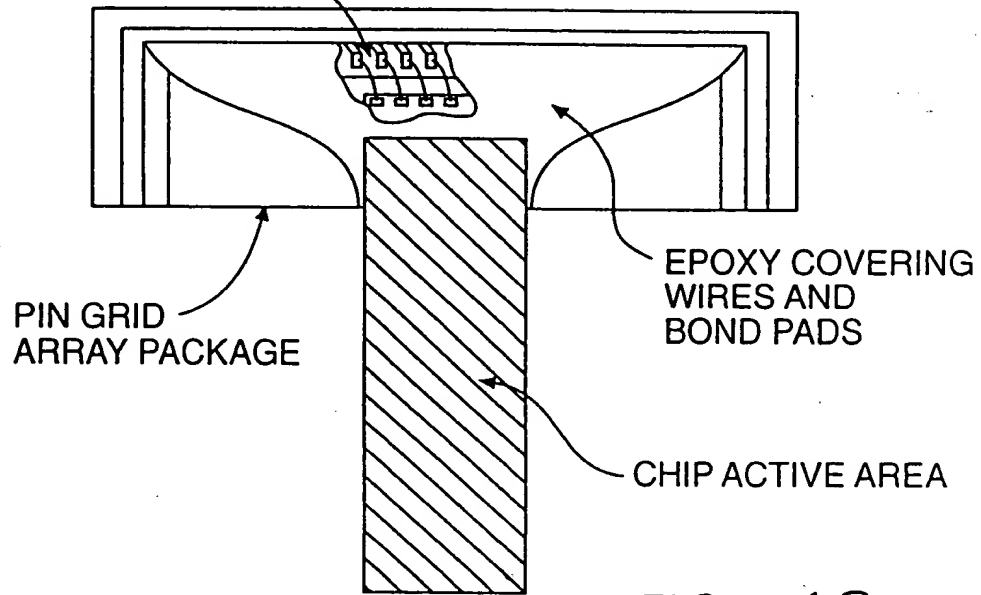


FIG. 18a

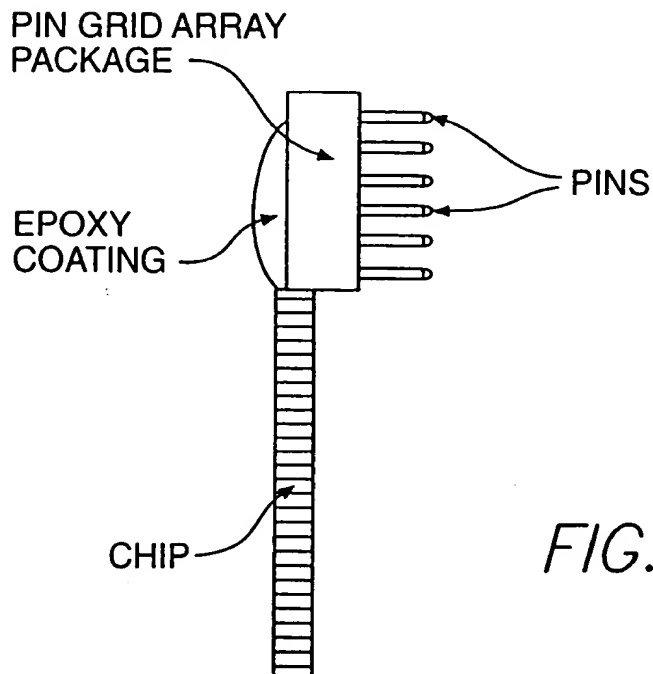


FIG. 18b

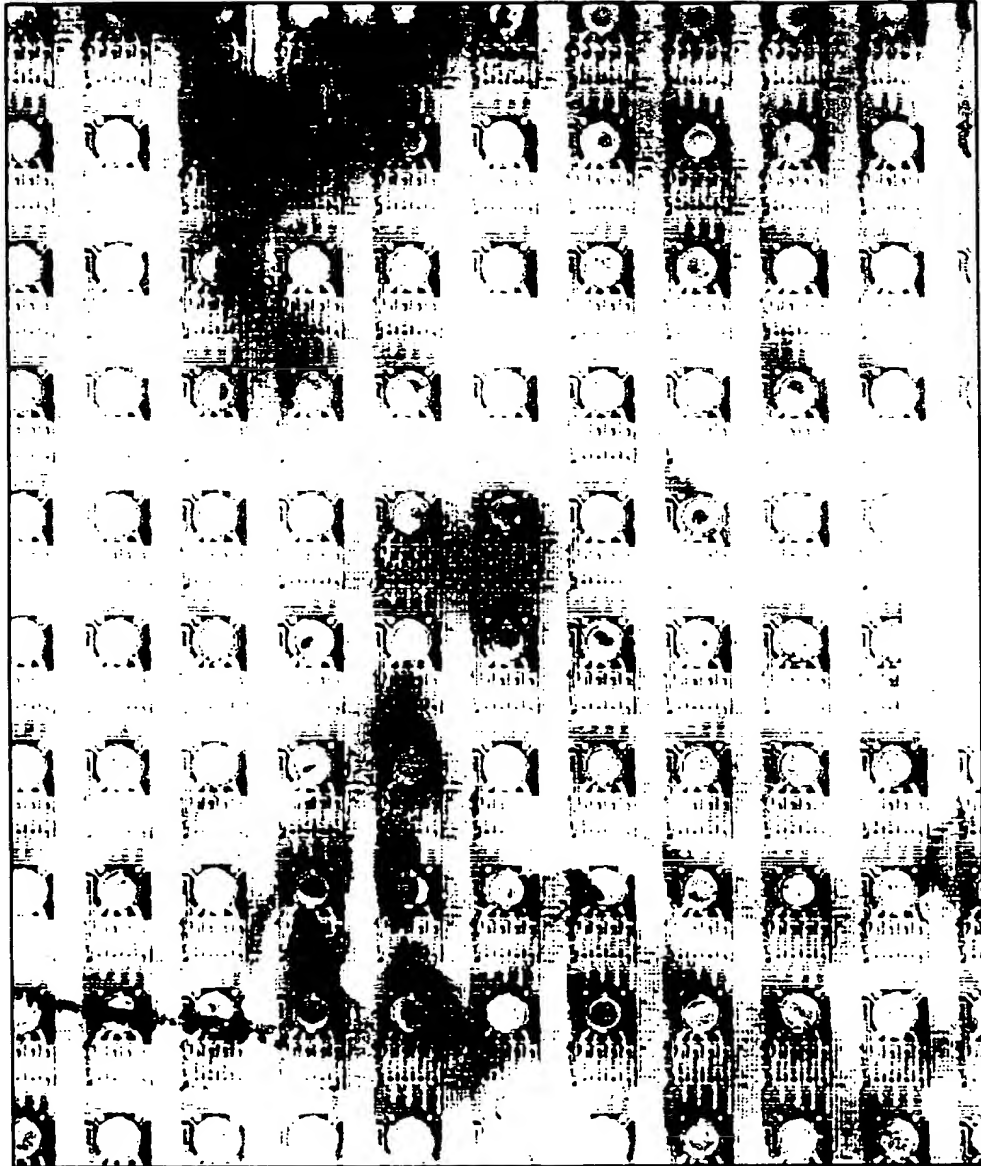


FIG. 19a

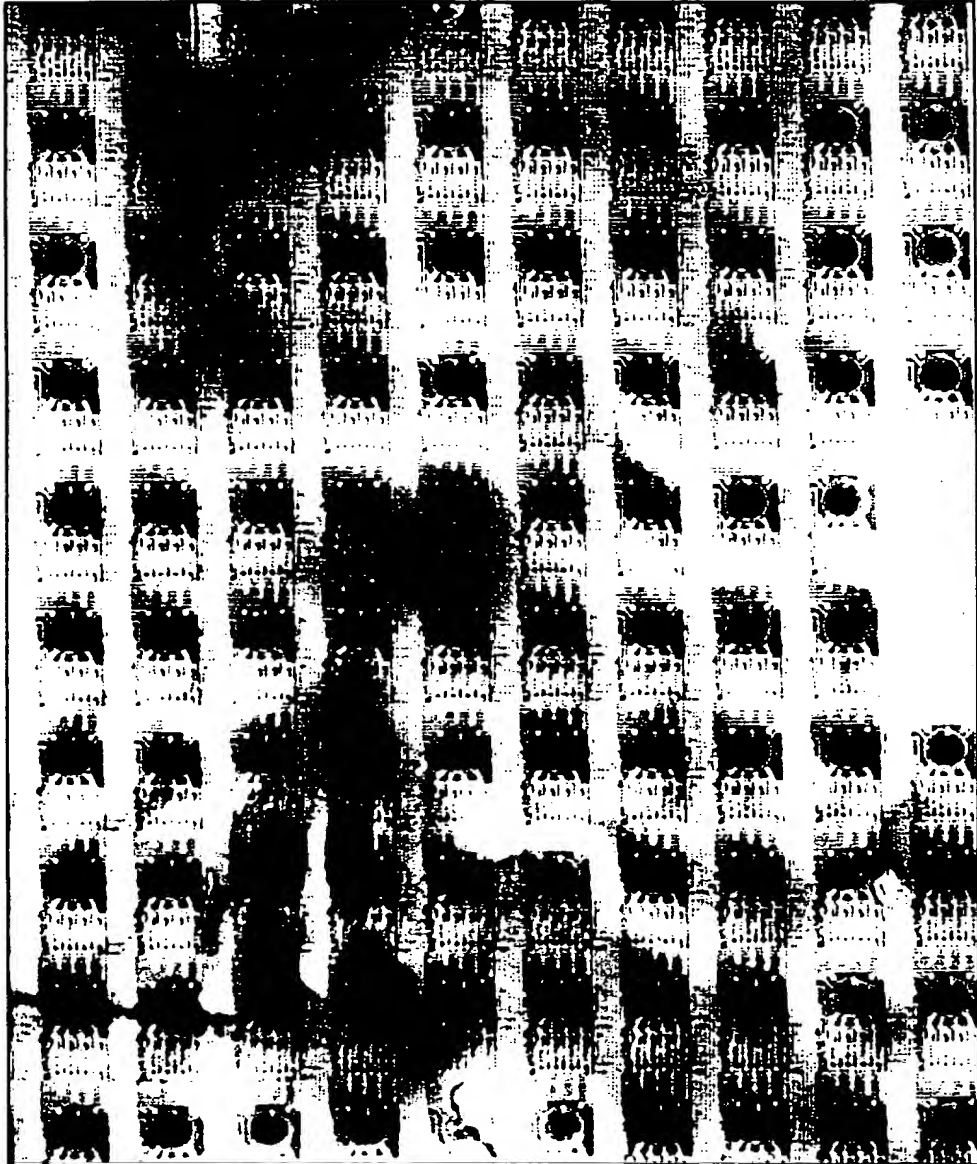


FIG. 19b

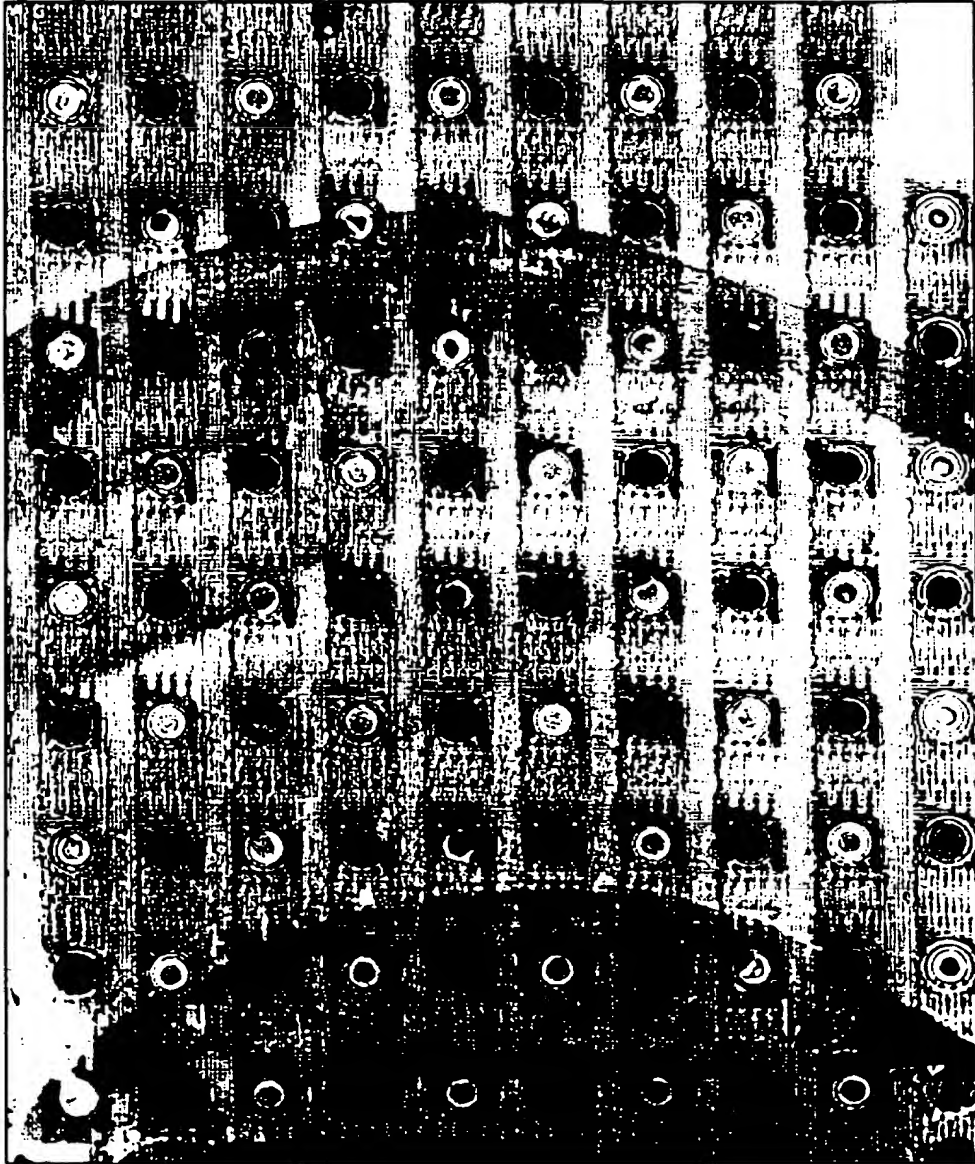


FIG. 20

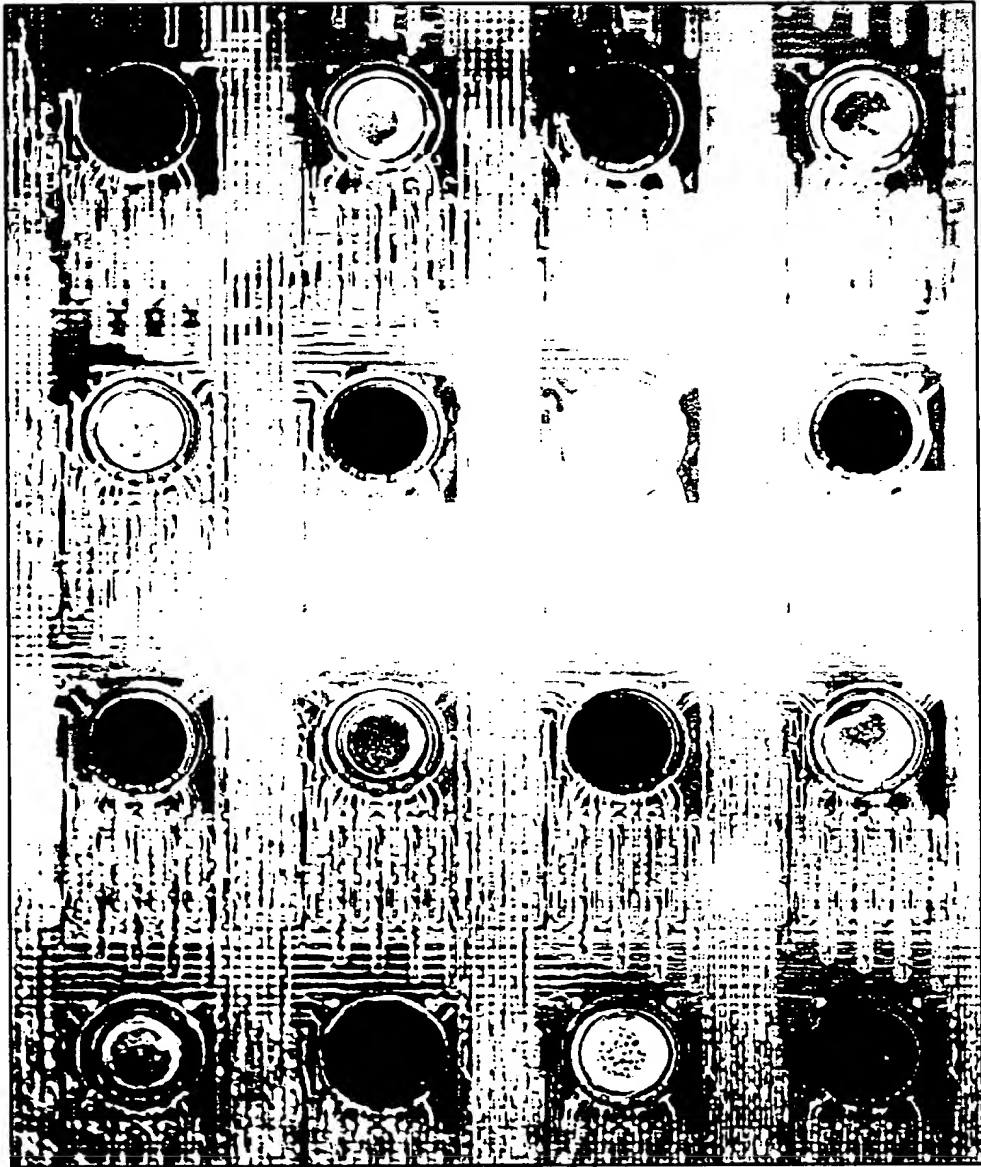


FIG. 21

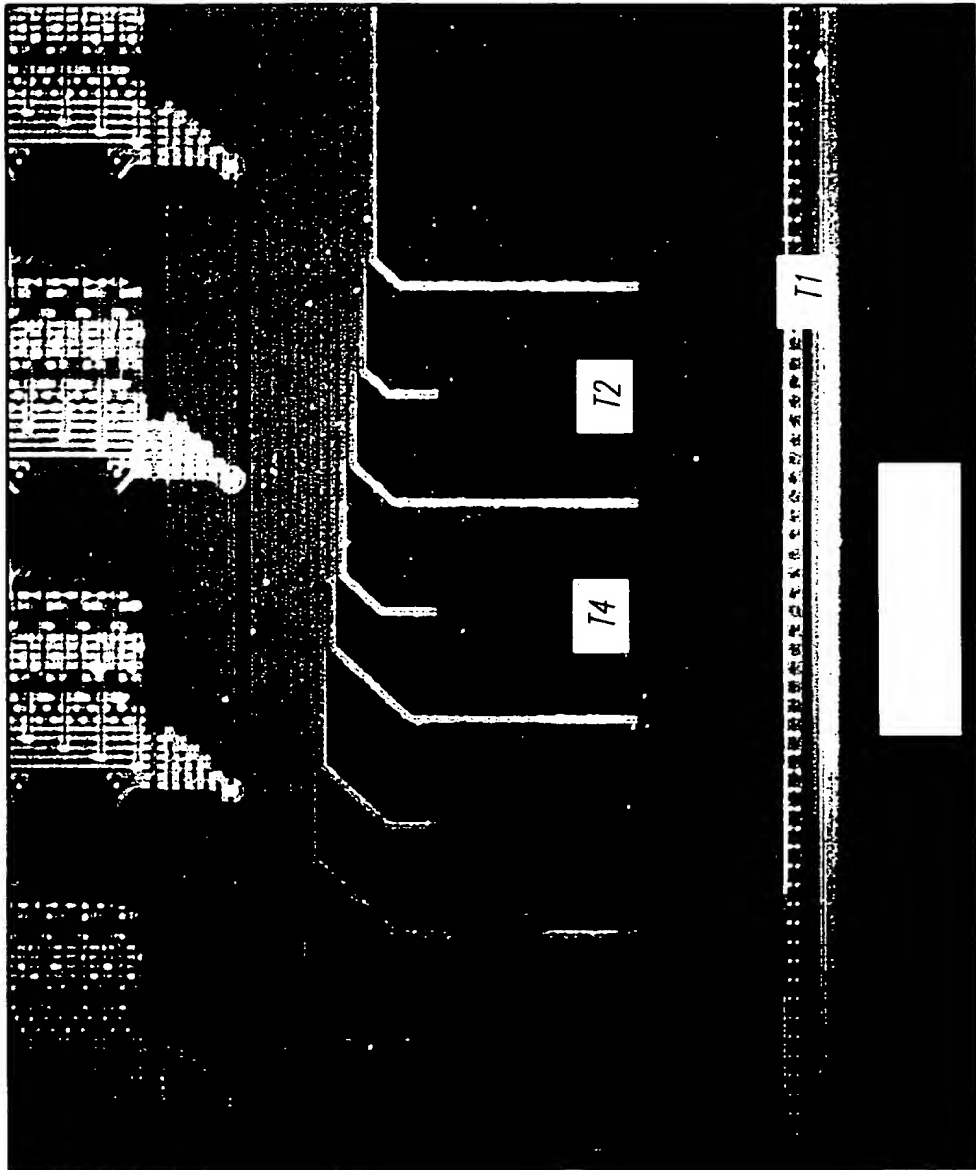


FIG. 22

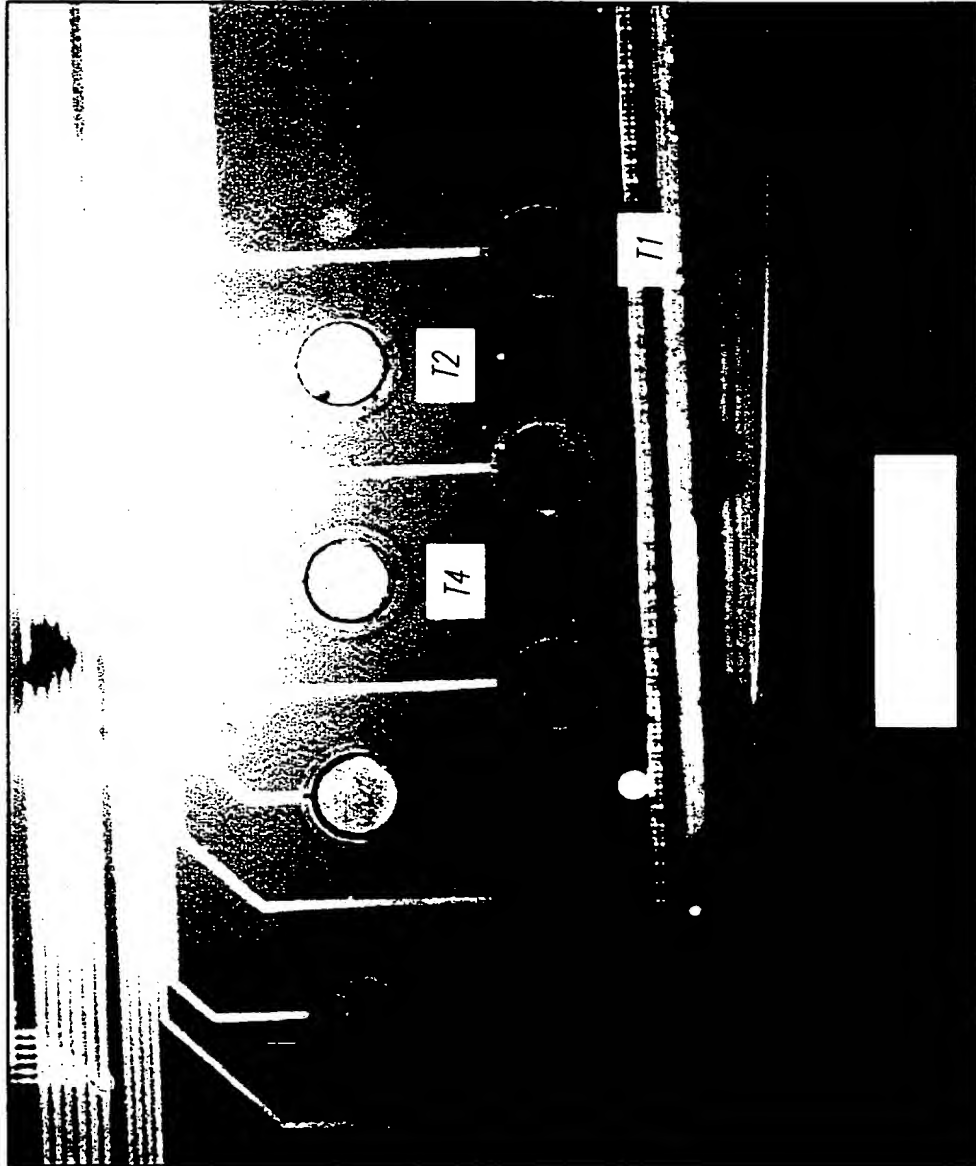


FIG. 23

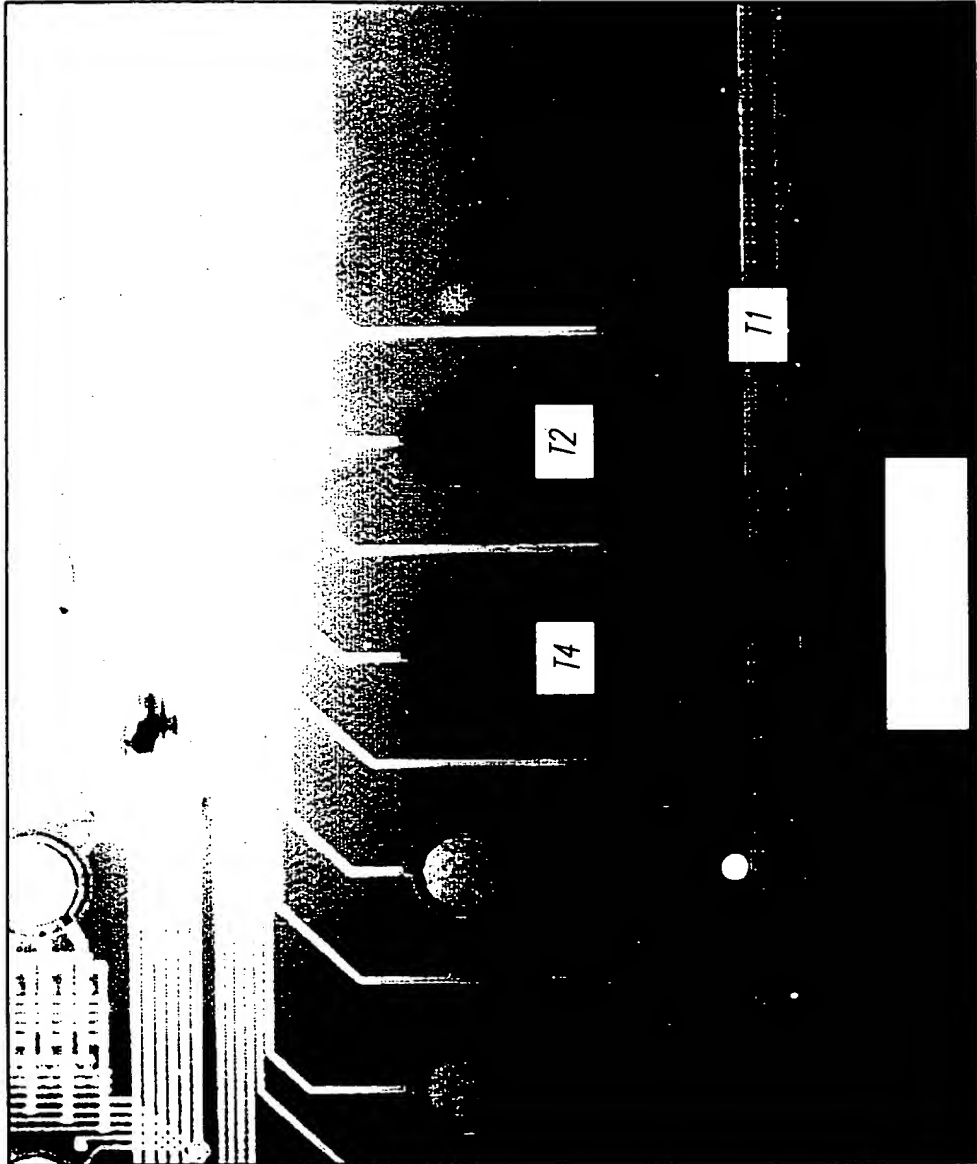


FIG. 24

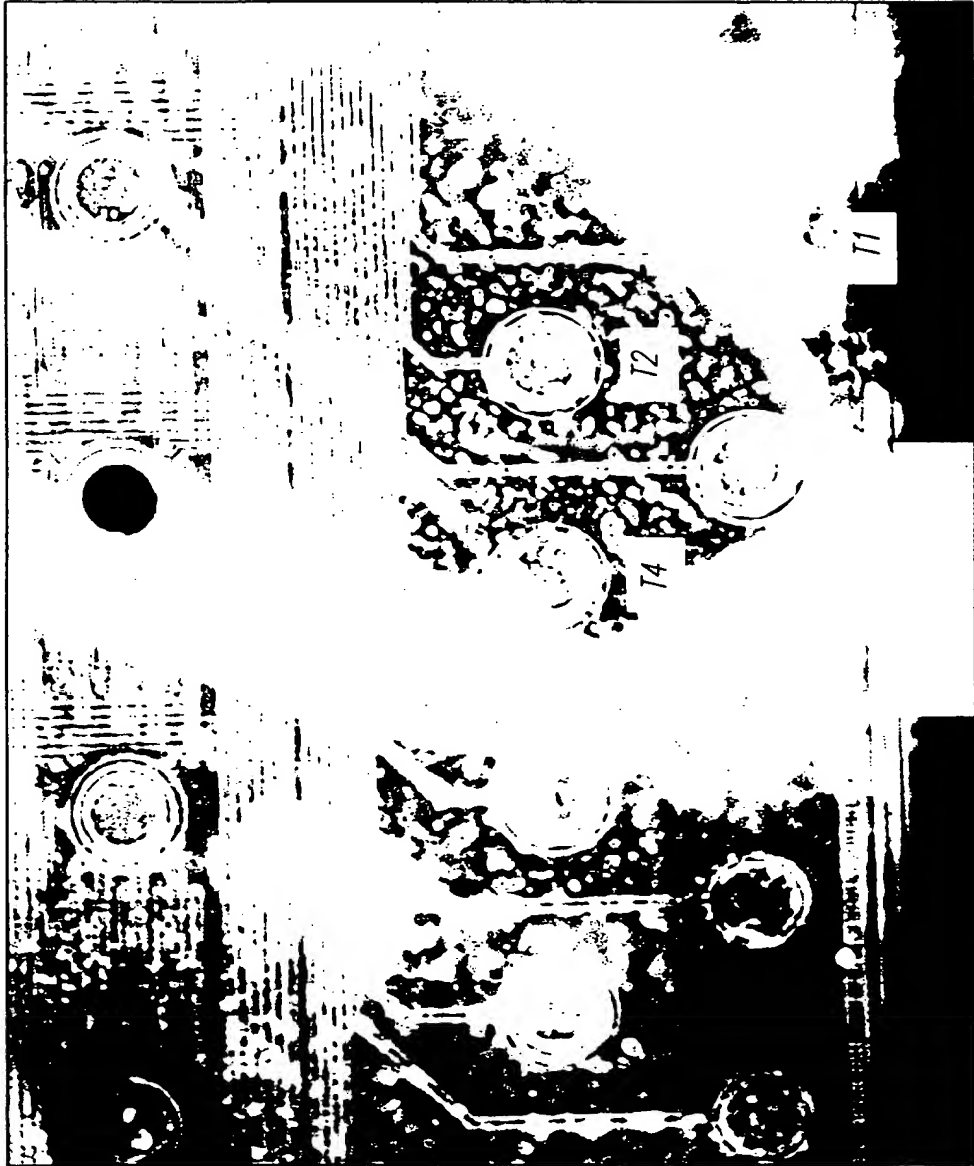


FIG. 25a

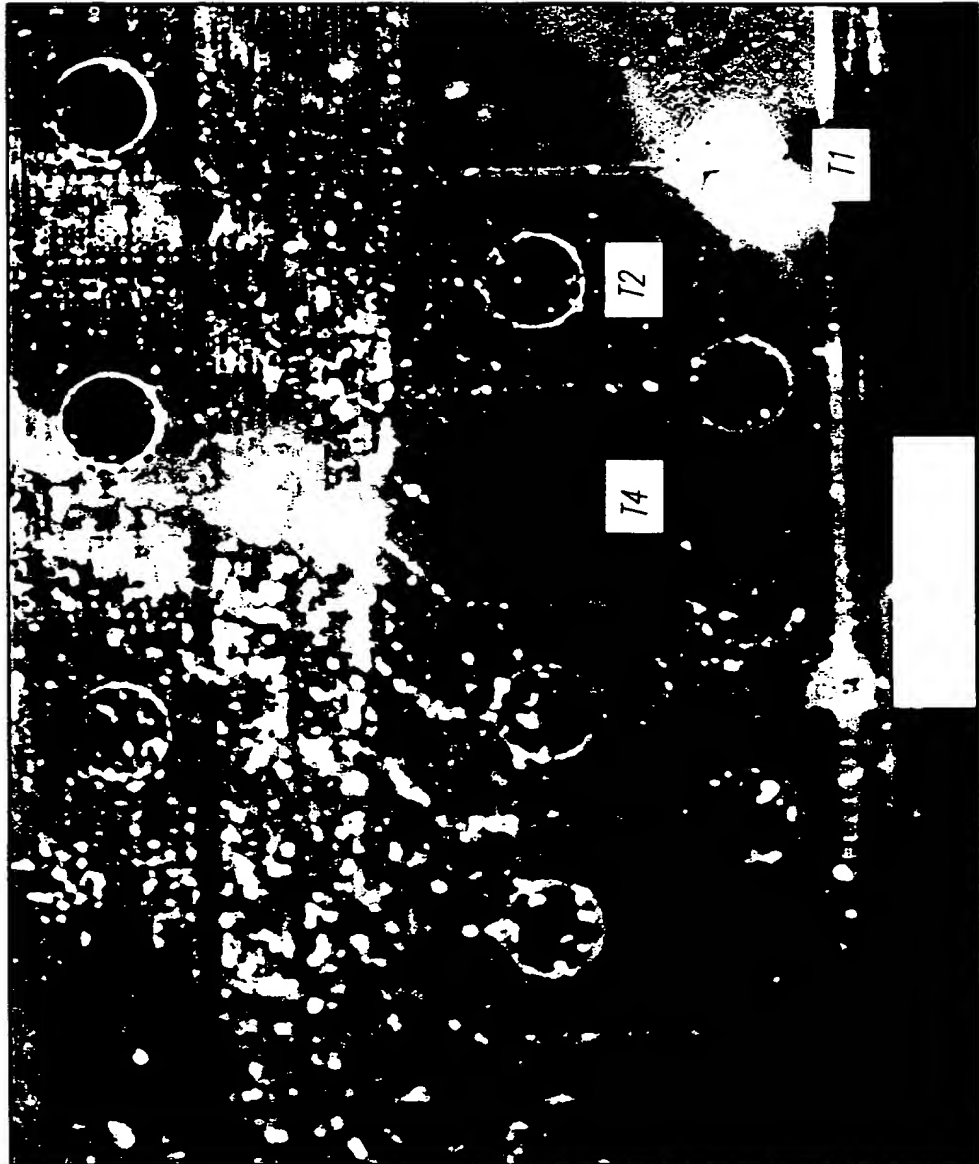


FIG. 25b

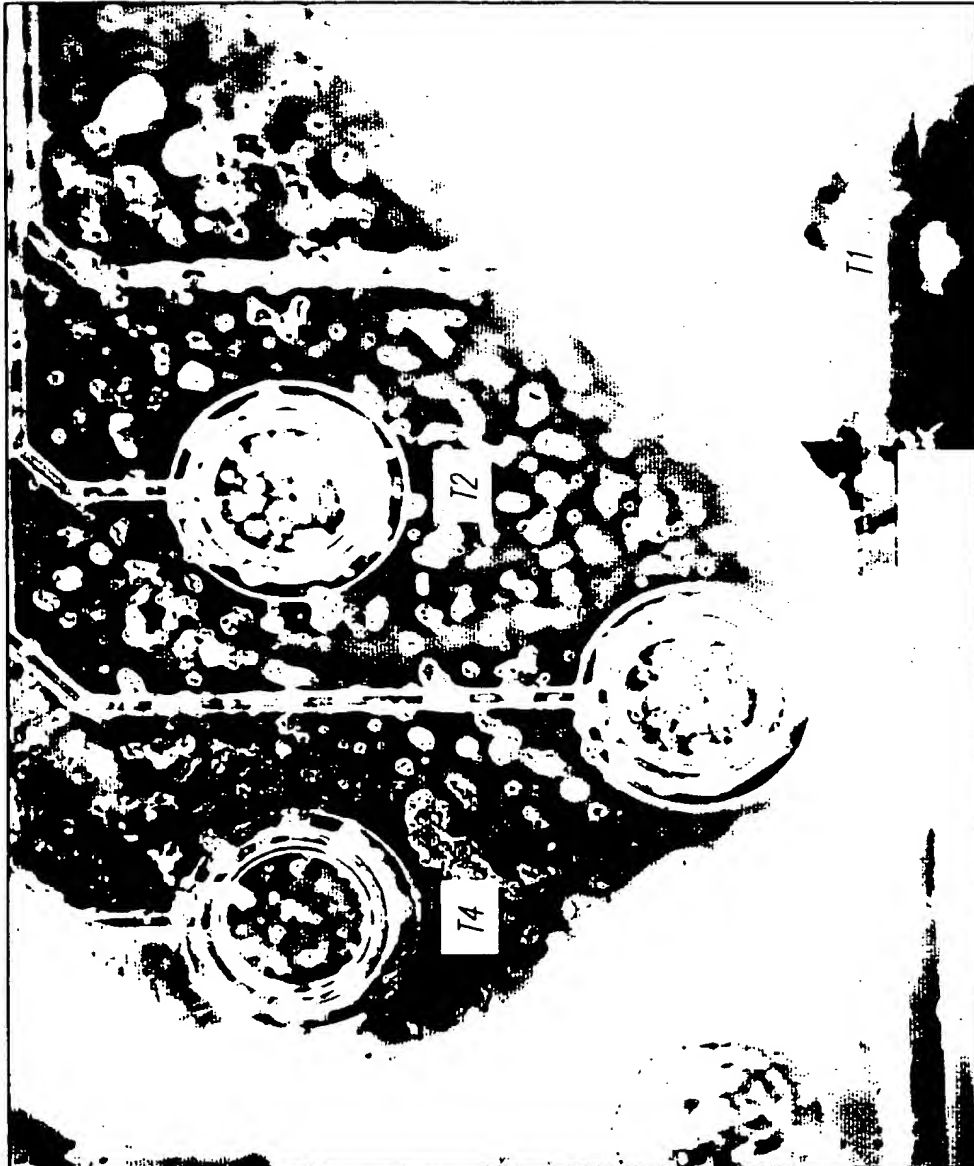


FIG. 26a

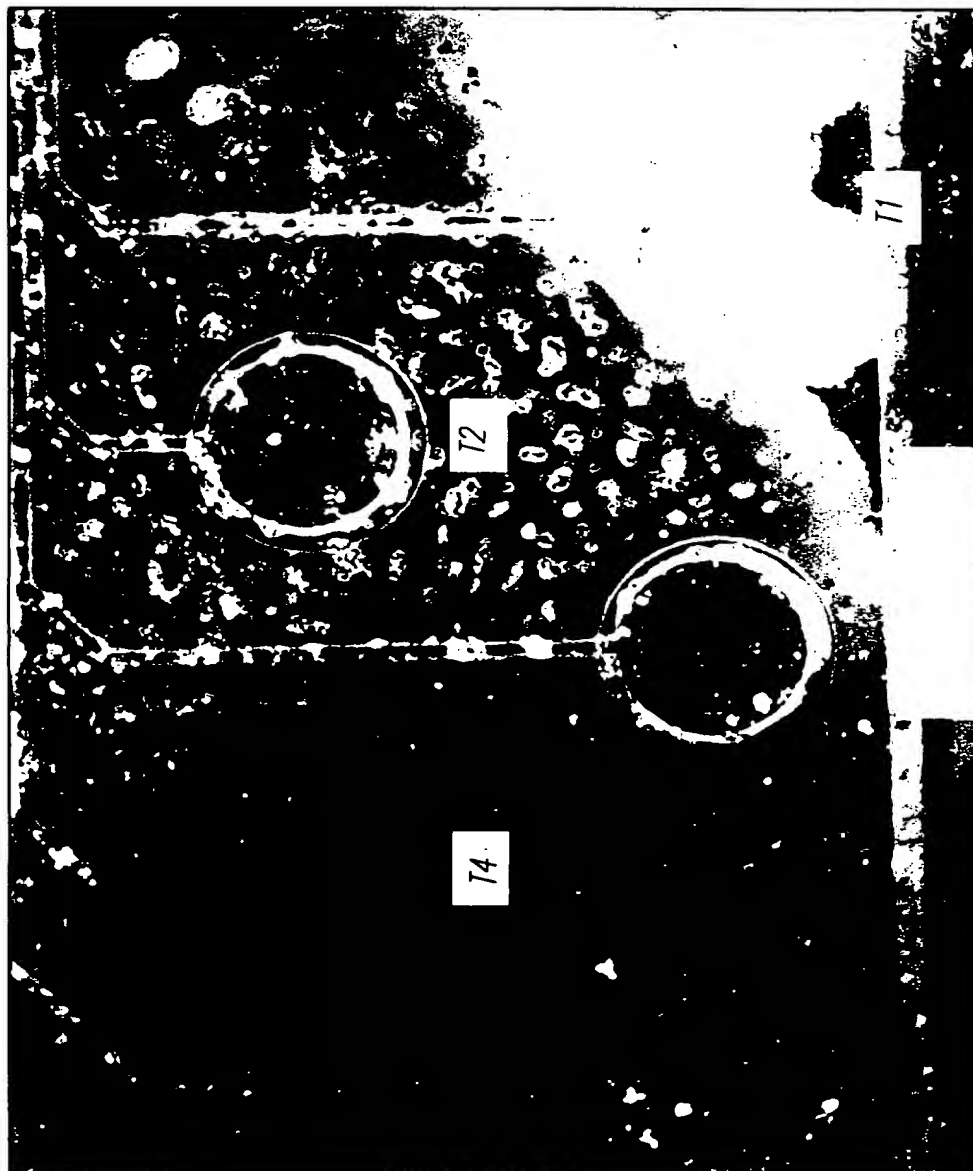


FIG. 26b

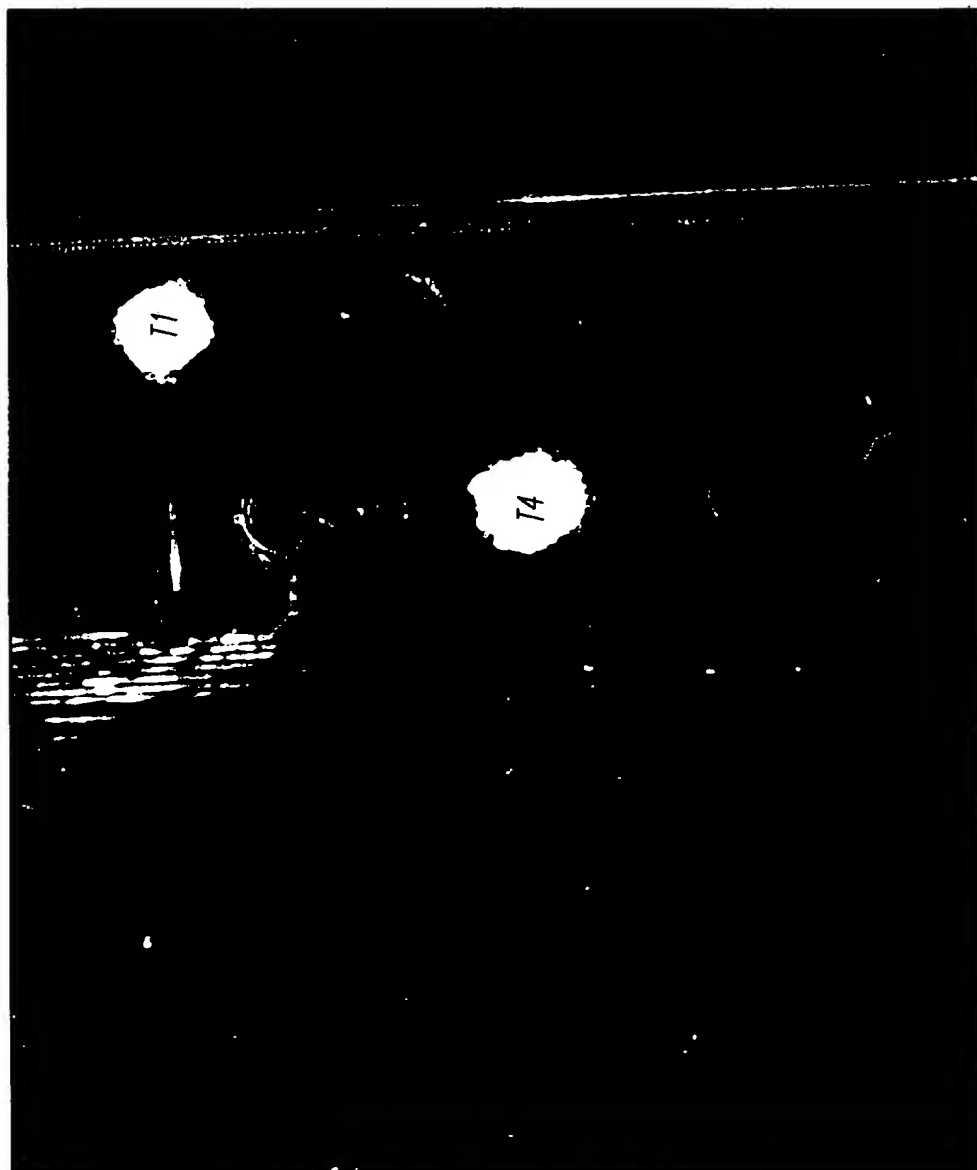


FIG. 27

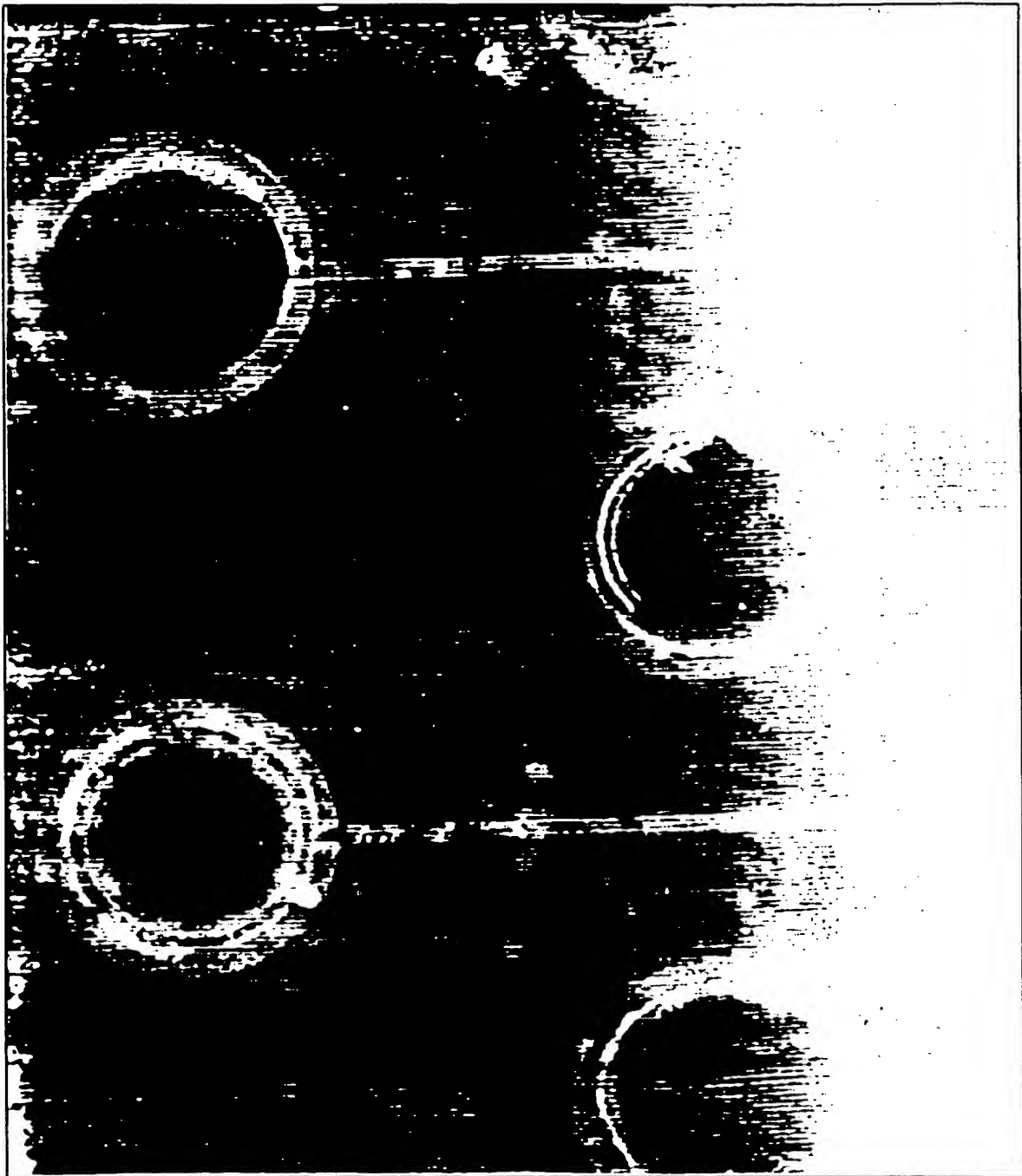


FIG. 28

NO BIOTIN ANH.

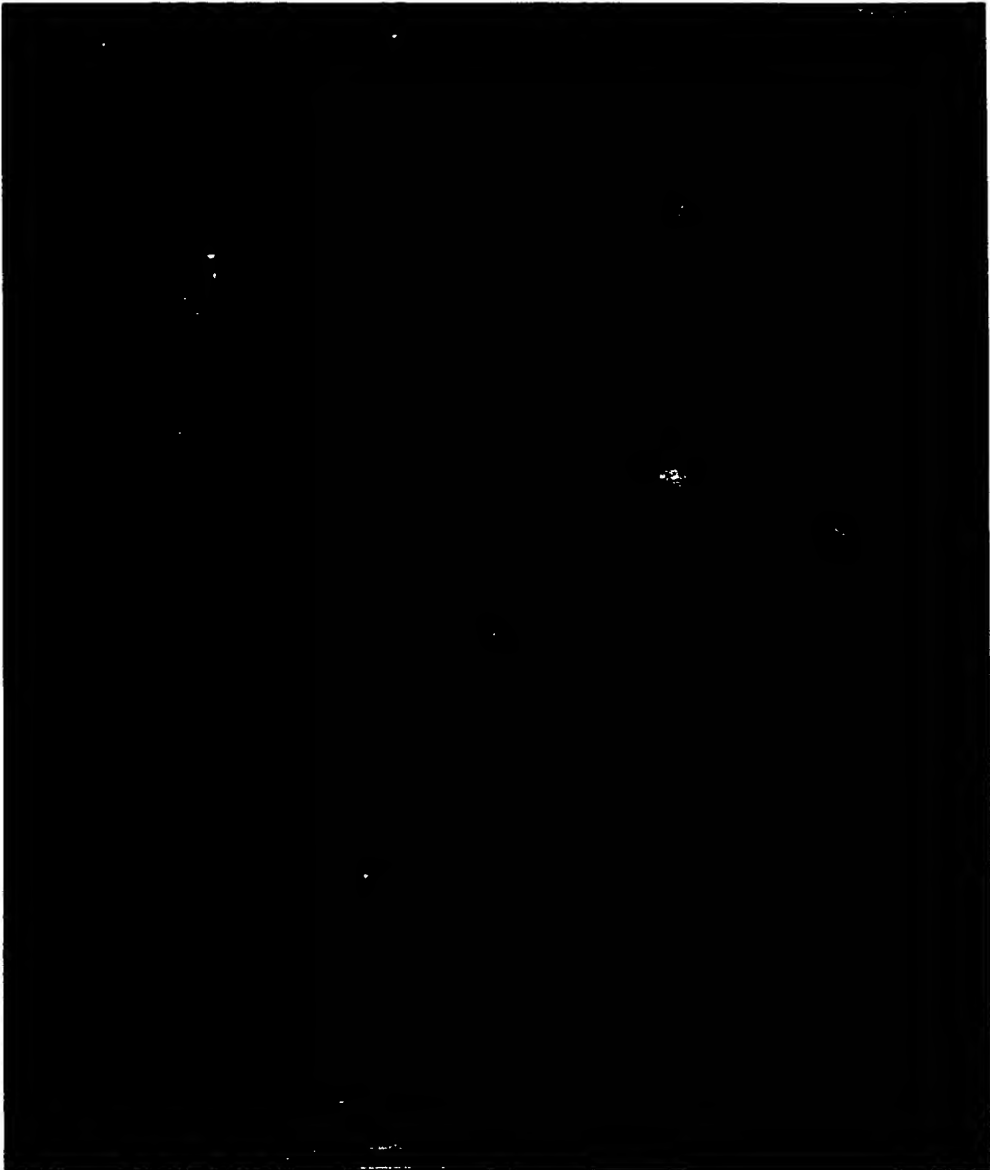


FIG. 29

NO VINYL

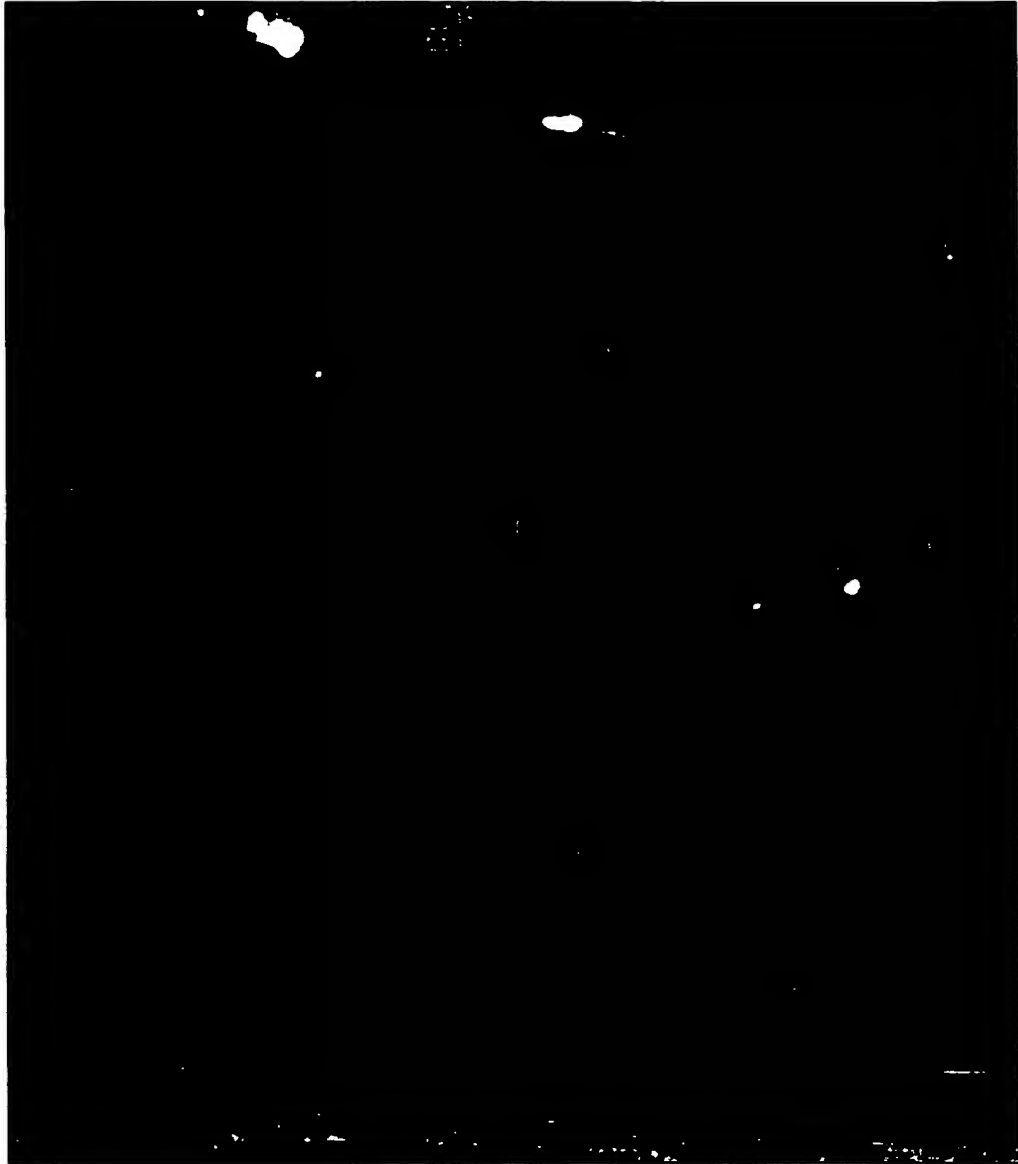
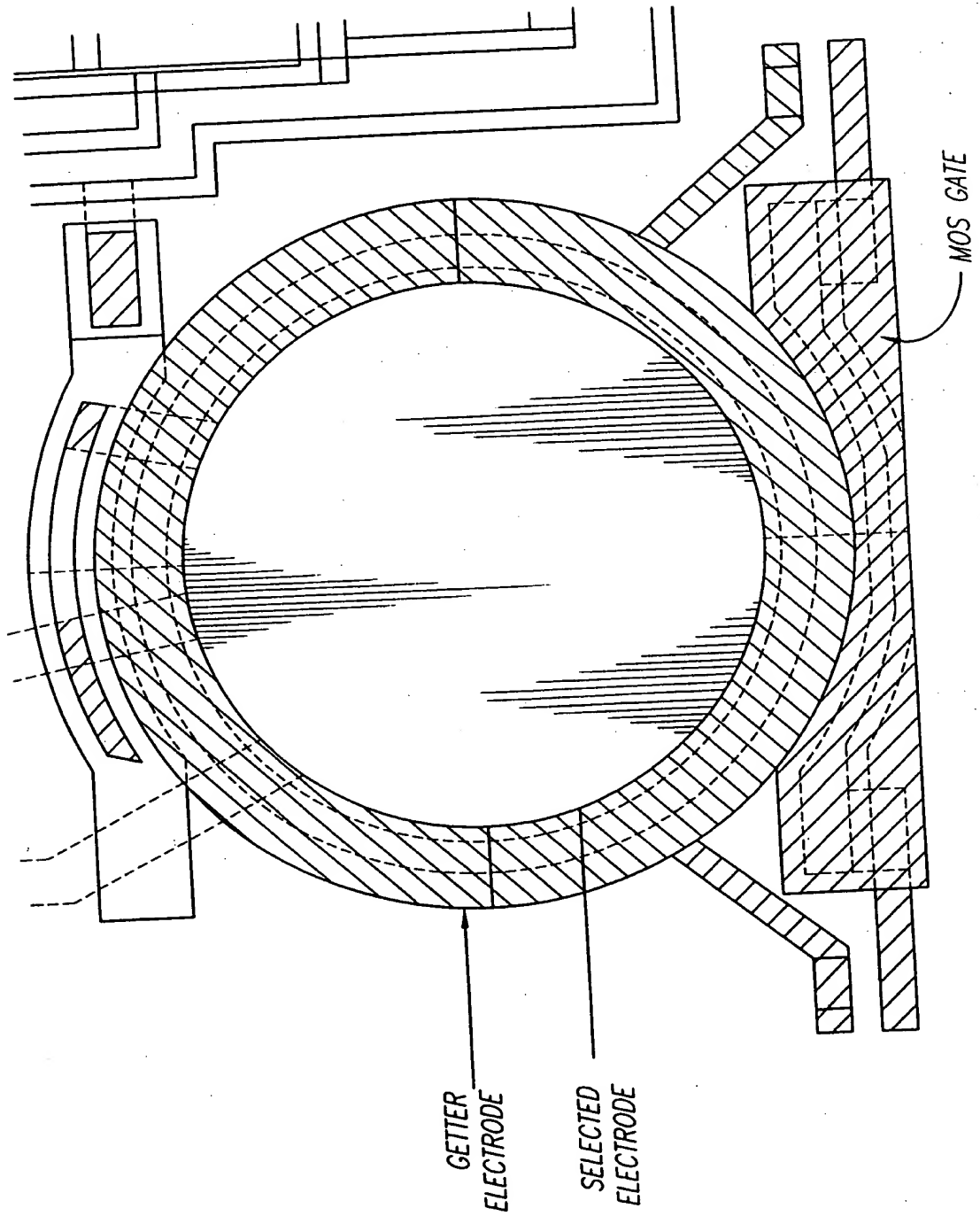


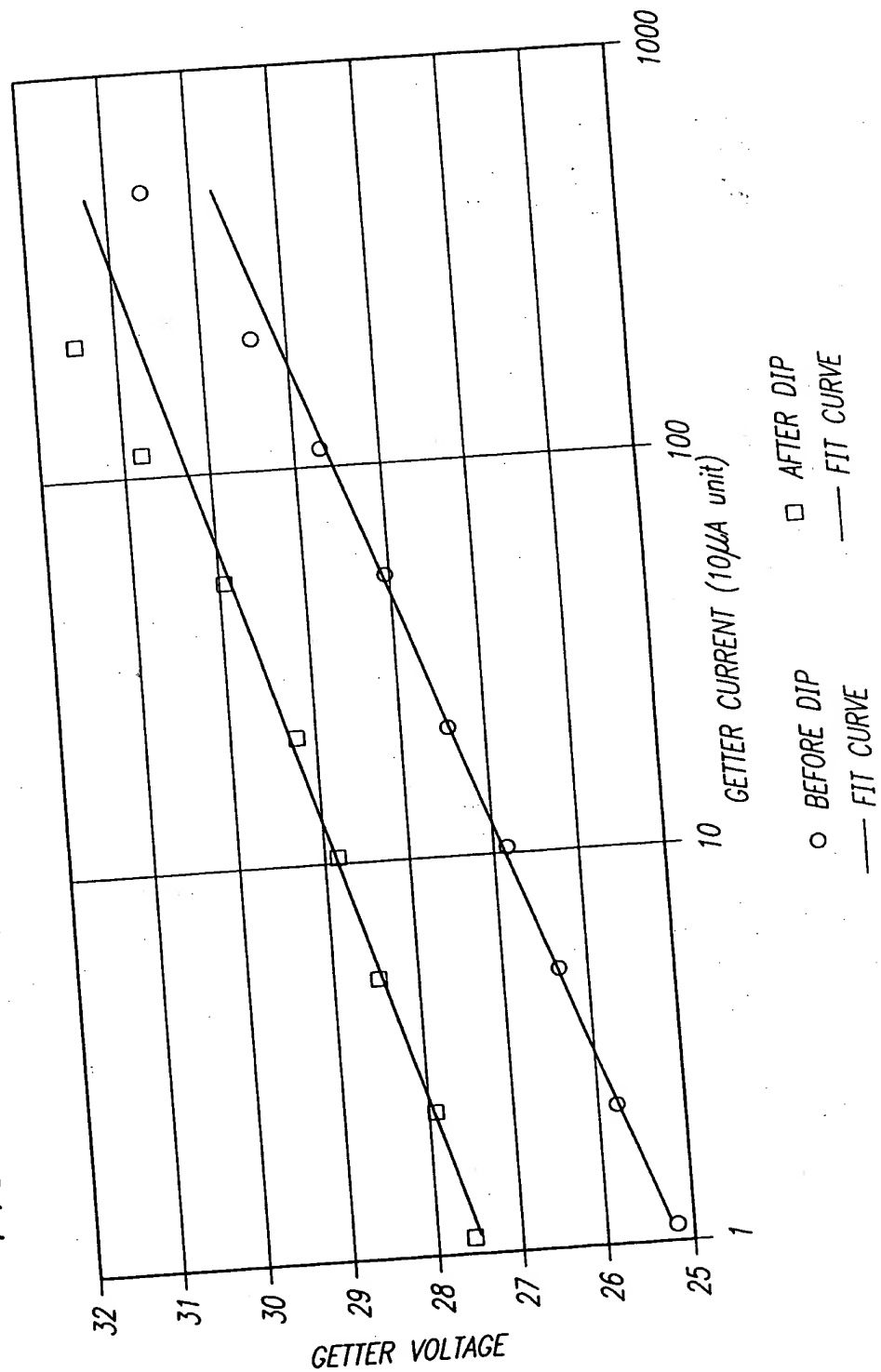
FIG. 30

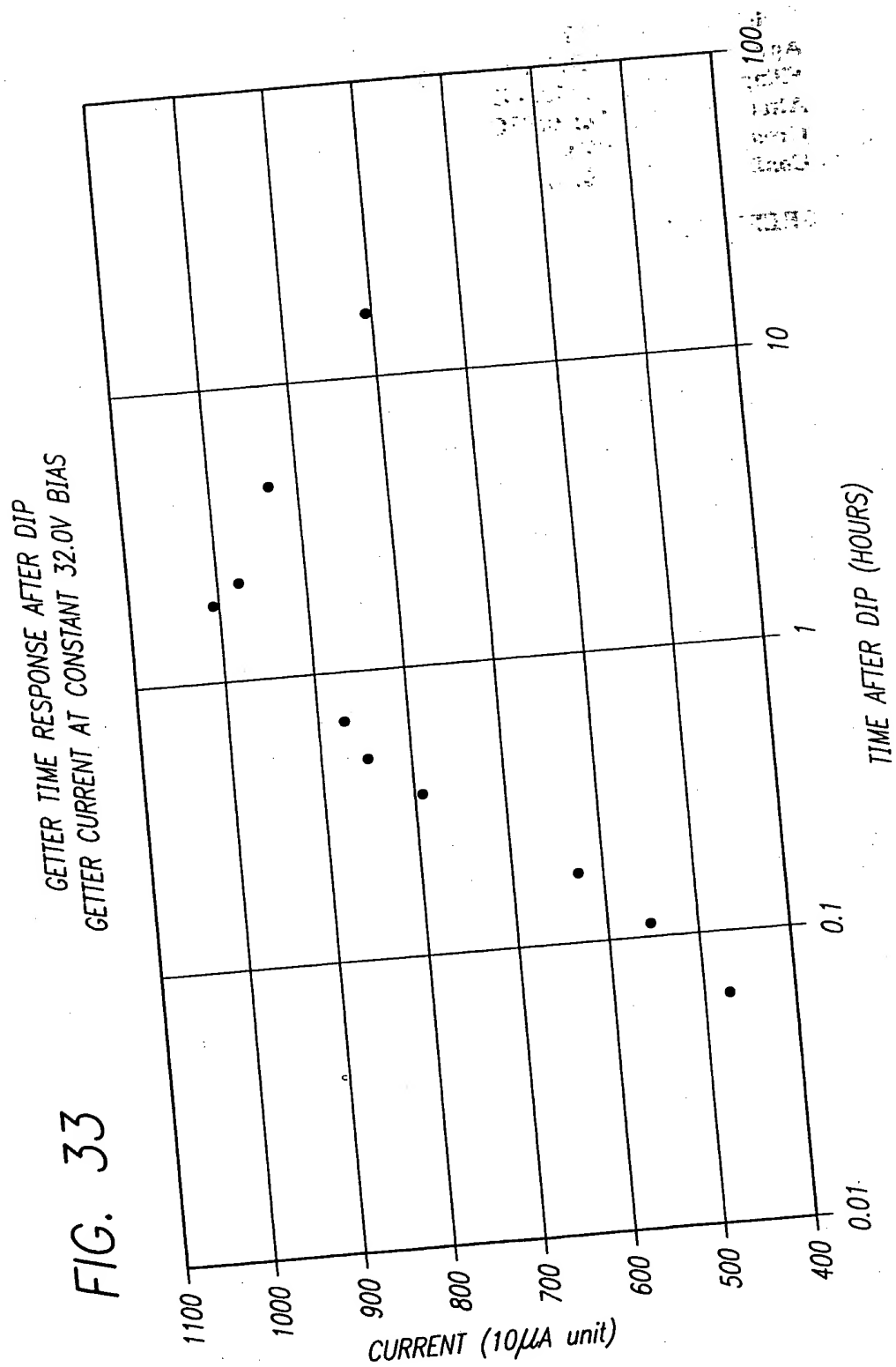
FIG. 31



GETTER MEASUREMENTS
0.1M Na2HP04 45C 20min

FIG. 32





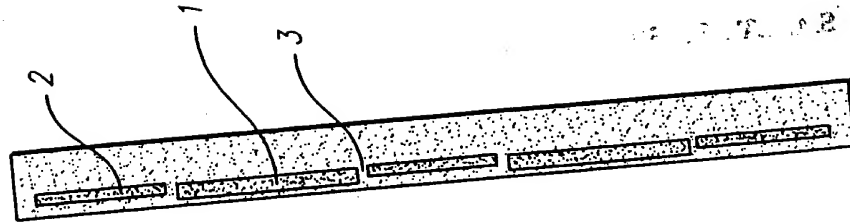


FIG. 34b

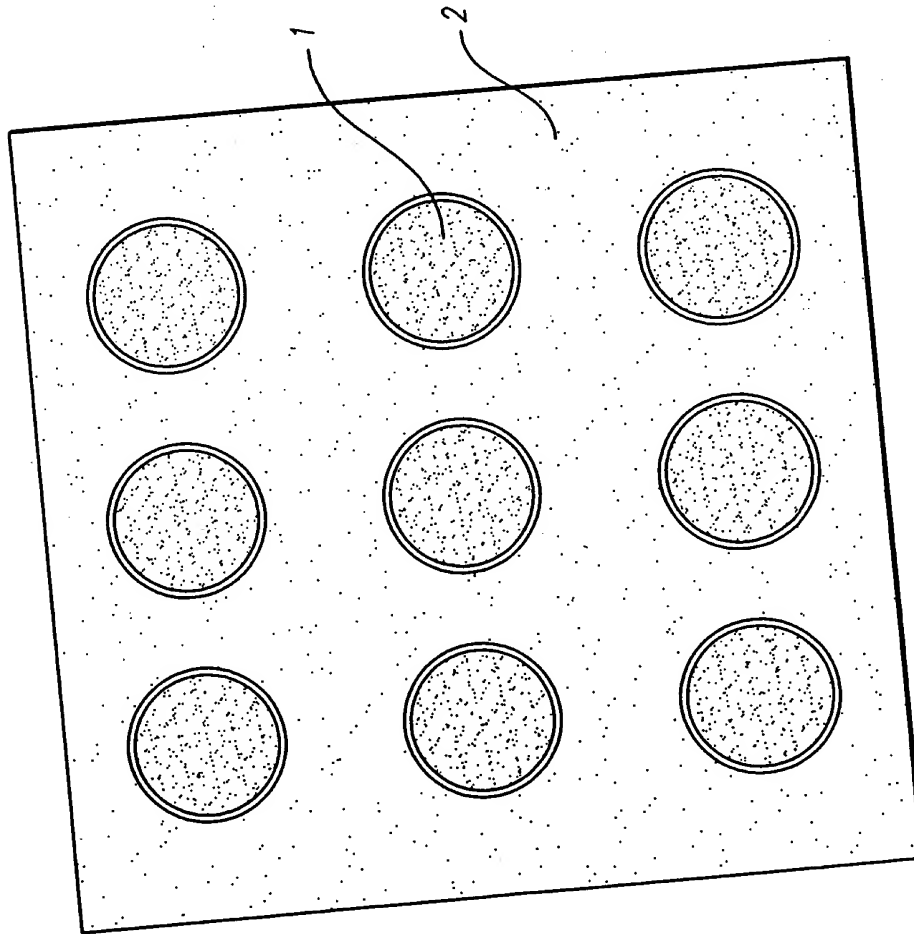


FIG. 34a

FIG. 36a

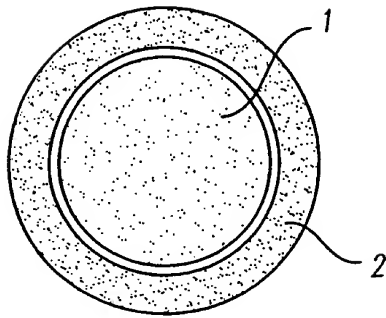


FIG. 35a

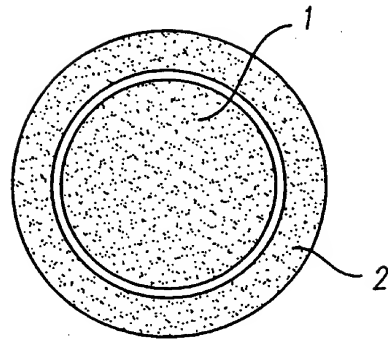


FIG. 36b

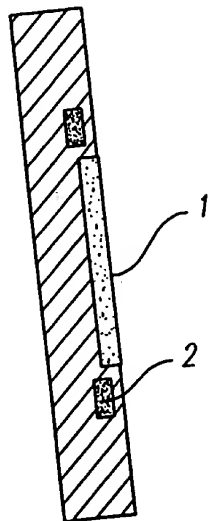
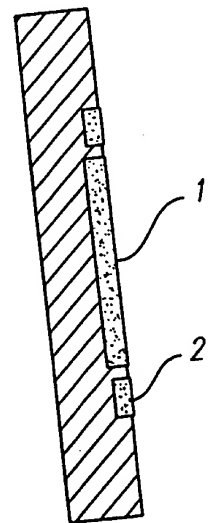


FIG. 35b



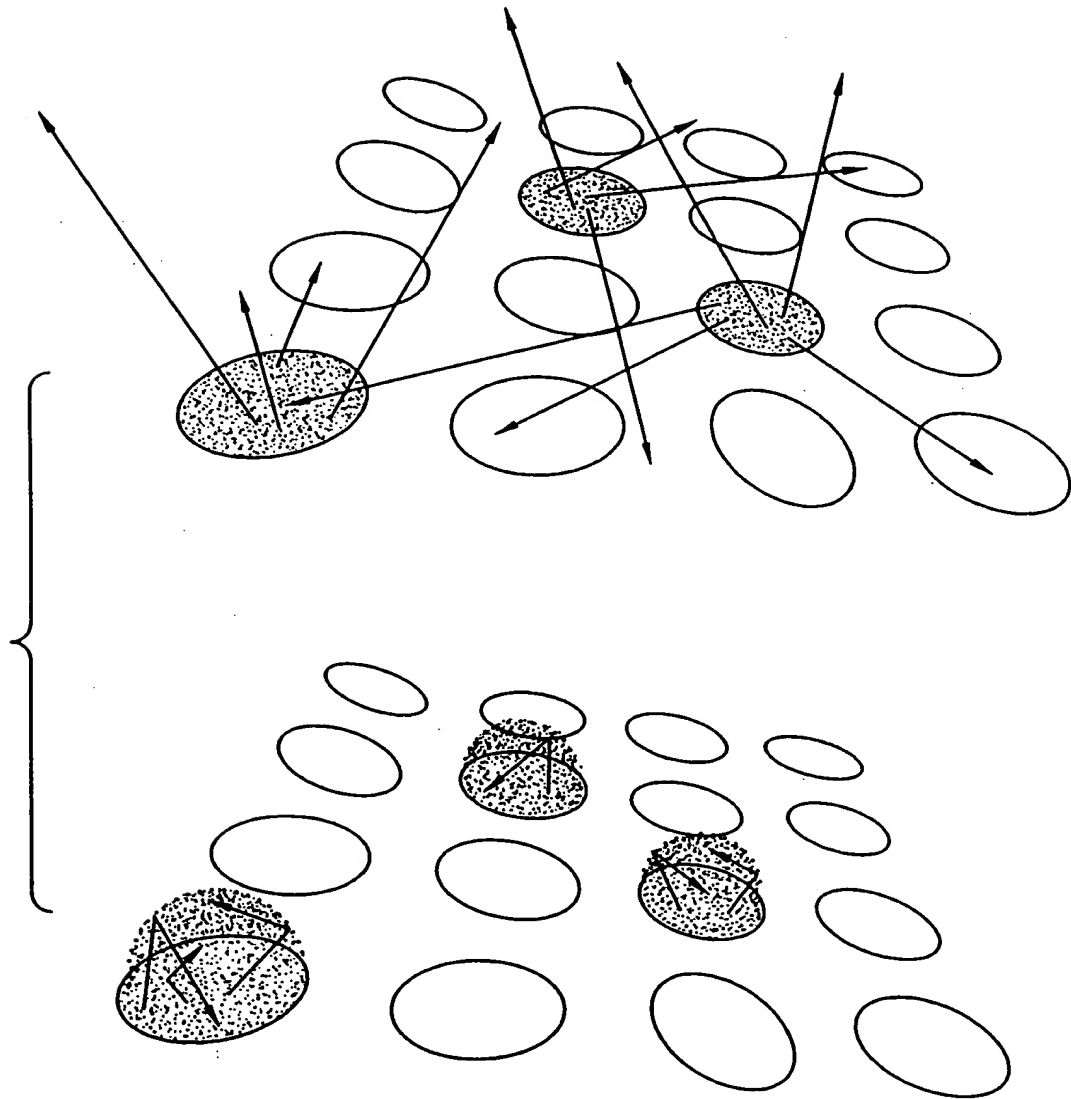


FIG. 37